



Vlamboog

Safety & Welding

De Vlamboog has been an established name in the world of welding since 1948. As a manufacturer and trading company, De Vlamboog supplies welding accessories and PPE to dealers and retailers in over 50 countries. De Vlamboog enjoys a global reputation thanks to its Samson, Optimus, Victory and Progress electrode holders and Flair gouging torches. These products have become a quality standard in many countries and market segments.



Our products can mainly be found in work situations where continuity and safety play a central part. De Vlamboog also manufactures the world-famous MultiVision welding helmets and MultiC.Air fresh air systems. These helmets and complete sets are known for being excellent value for money.

De Vlamboog also imports leading top brands such as RSG, Optrel, Phoenix, Ejendals, Markal, StrongHand and Moldex. Our global network of carefully selected manufacturers makes us a strong trading company that stands for quality. When you opt for De Vlamboog's products, you are opting for continuity and safety.

- **Continuity.** A reliable product quality, excellent product availability, good contactability and the right product choices. We never lose sight of the fact that continuity in all its different forms is crucial for your business operations and for increased productivity.
- **Safety.** All our products meet established European standards: strict CE compliance, entry and exit checks, strict supplier selections and good product information. All this contributes to what it all comes down to in the end: a safe workplace.
- **Taking care of you.** Our professional dealer network, this catalogue, our complete range including the webshop, the immediate availability of our basic products and not to forget the very complete service that our organisation likes to provide you with, all contribute to our aim to provide you with the best possible care. We don't 'just' want to be a supplier, but also a partner, both for our dealers and for the end users of our products — which is what we are doing!



As a total supplier with a high level of service, we serve you, the user of welding accessories and personal protective equipment, via our Vlamboog dealer network, enabling us to guarantee you rapid access to our products and very personal, customised advice on your product selections. Please refer to the dealer selector on our website, www.vlamboog.nl, to find a Vlamboog dealer near to you.

Because legislation, standardisation and products change, you can also easily download the most up-to-date version of the different product groups in PDF format from our website. Finally, in connection with this, we would like to refer you to the terms and conditions of use/disclaimer and our general delivery conditions, which you can find at the back of this catalogue and on our website, www.vlamboog.nl.

For further information, you can of course also e-mail, telephone or visit us at any time.

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Collection of goods: Monday to Friday: 8:30am - 4:30pm



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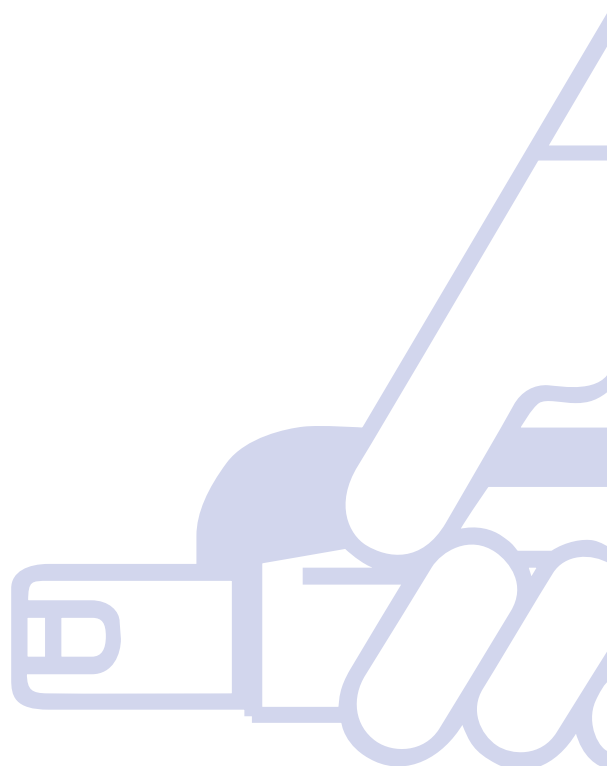
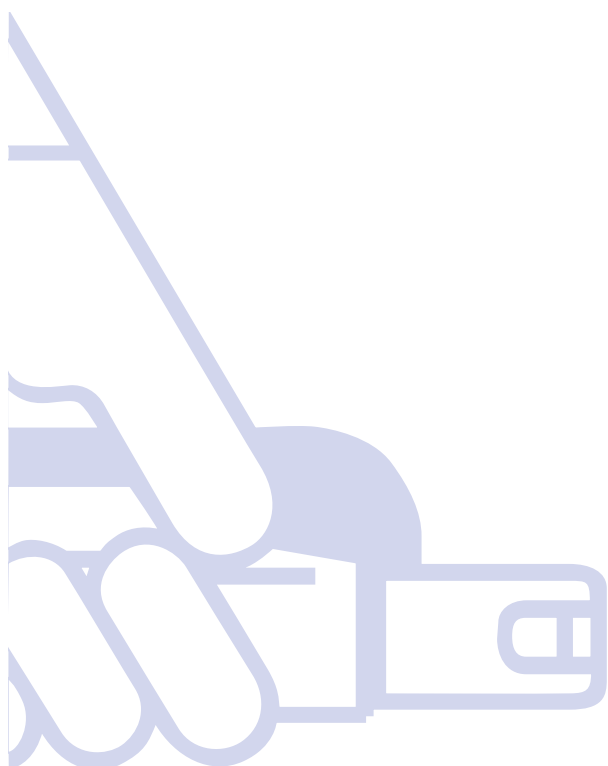


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MANUAL ARC WELDING

01



Optimus electrode holder



Optimus is a high quality electrode holder with a closed head. The wide range of welding applications, optimal insulation and powerful grip on the electrodes have made Optimus a well known and reliable welding tool around the globe.

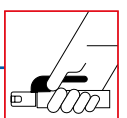
The Optimus can also be used for overhead welding. The cooling ribs in the handle generate optimal cooling of the electrode holder which contributes to an intensive use. Electrodes can be inserted in various manners.

Avoid costly downtime and increase productivity and safety with this superior, long- lifetime electrode holder.

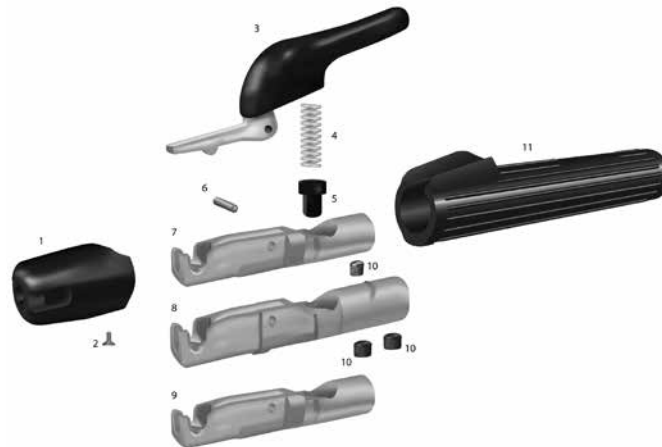
Spare parts are available from stock. Retail packaging and detailed leaflets are available on request.
Made in The Netherlands.

EN 60974-11

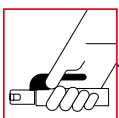
Product nr	Description	Electrode	Connection	Cable	Packing
01.01.30101	Optimus 300-1.	1.6 - 6.3 mm	1 screw M12	25-70 mm ²	1/10
01.01.30401	Optimus 300-1-3/8".	1.6 - 6.3 mm	3/8 BSP	35-70 mm ²	1/10
01.01.40101	Optimus 400-1.	2.5 - 8.0 mm	1 screw 9/16"	25-95 mm ²	1/10
01.01.40201	Optimus 400-2.	2.5 - 8.0 mm	2 screws 9/16"	25-95 mm ²	1/10
01.01.40301	Optimus 400-M18 x 1.5.	2.5 - 8.0 mm	M18 x 1.5	35-95 mm ²	1/10
01.01.50101	Optimus 500-1.	2.5 - 8.0 mm	1 screw 9/16"	25-95 mm ²	1/10
01.01.50201	Optimus 500-2.	2.5 - 8.0 mm	2 screws 9/16"	25-95 mm ²	1/10
01.01.60201	Optimus 600-2.	2.5 - 8.0 mm	2 screws 9/16"	25-95 mm ²	1/10



Optimus spare parts



Product nr	Description	Draw nr	Packing
01.11.01311	Insulating head Optimus 300.	1	1
01.11.01411	Insulating head Optimus 400/500/600.	1	1
01.11.09411	Screw M4 x 10 Optimus 300/400/500/600.	2	10
01.11.01320	Lever Optimus 300.	3	1
01.11.01420	Lever Optimus 400/500/600.	3	1
01.11.09001	Spring 300/400/500/600.	4	10
01.11.09002	Spring cap Optimus 300.	5	10
01.11.09003	Spring cap Optimus 400/500/600.	5	10
01.11.09300	Hinge pin Optimus 300.	6	10
01.11.09400	Hinge pin Optimus 400/500.	6	10
01.11.09600	Hinge pin Optimus 600 Copper.	6	10
01.11.01301	Body Optimus 300-1 with cable screw.	7+10	1
01.11.01401	Body Optimus 400-1/500-1 with cable screw.	7+10	1
01.11.01402	Body Optimus 400-2/500-2 with cable screws.	8+10	1
01.11.01406	Body Optimus 600-2 with cable screws.	8+10	1
01.11.01304	Body Optimus 300-3/8 BS8, with thread for clamp connection.	9	1
01.11.01403	Body 400/500-M18 x 1.5, with thread for clamp connection.	9	1
01.11.09402	Cable screw 9/16" UNF Optimus 600, copper.	10	10
01.11.09404	Cable screw 9/16" UNF Optimus 400/500.	10	10
01.11.09405	Cable screw M12 x 12 Optimus 300.	10	10
01.11.01331	Handle Optimus 300.	11	1
01.11.01431	Handle Optimus 400.	11	1
01.11.01531	Handle Optimus 500.	11	1
01.11.01631	Handle Optimus 600.	11	1
01.11.09403	Allen key 6 mm.		10



Samson electrode holder



Samson is a high quality electrode holder with an open crocodile type head. The many and firm electrode holding insert positions, wide range of welding applications and the outstanding user comfort have made Samson a well-known and reliable welding tool around the globe.

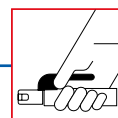
Avoid costly downtime and increase productivity and safety with this superior, long- lifetime electrode holder.

The cooling ribs in the handle generate optimal cooling of the electrode holder which allows for intensive use.

Spare parts are available from stock. Retail packaging and detailed leaflets are available on request.
Made in The Netherlands.

EN 60974-11

Product nr	Description	Electrode	Connection	Cable	Packing
01.02.15101	Samson 150-1.	1.5 - 3.25 mm	1 screw M8	16-35 mm ²	1/10
01.02.30101	Samson 300-1.	2.0 - 6.3 mm	1 screw M12	25-70 mm ²	1/10
01.02.40201	Samson 400-2.	2.5 - 8.0 mm	2 screws 9/16"	25-95 mm ²	1/10
01.02.50201	Samson 500-2.	2.5 - 8.0 mm	2 screws 9/16"	25-95 mm ²	1/10



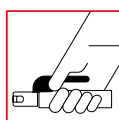
Samson spare parts



Product nr	Description	Draw nr	Packing
01.12.02311	Set insulating caps Samson 300.	1	1
01.12.02411	Set insulating caps Samson 400/500.	1	1
01.11.09411	Screw M4 x 10 Samson 300/400/500.	2	1
01.12.02320	Lever Samson 300/400/500.	3	1
01.11.09001	Spring 300/400/500.	4	1
01.11.09002	Spring cap Samson 300.	5	1
01.11.09003	Spring cap Samson 400/500.	5	1
01.11.09300	Hinge pin Samson 300.	6	1
01.11.09400	Hinge pin Samson 400/500.	6	1
01.12.02301	Body Samson 300-1 with thread.	7	1
01.12.02402	Body Samson 400-2/500-2.	8	1
01.12.02331	Handle Samson 300.	9	1
01.12.02431	Handle Samson 400.	9	1
01.12.02531	Handle Samson 500.	9	1
01.11.09405	Cable screw M 12 x 12 Samson 300.	10	1
01.11.09404	Adjusting screw 9/16" UNF Samson 400/500.	10	1
01.11.09403	Allen key 6 mm.		1

Samson 150 spare parts

Product nr	Description	Packing
01.12.01500	Body Samson 150	1
01.12.01505	Handle Samson 150	1
01.12.01510	Upper insulating cap Samson 150	1
01.12.01515	Lower insulating cap Samson 150	1
01.12.01520	Lever Samson 150	1
01.12.01525	Spring Samson 150	1
01.12.01530	Hinge pin Samson 150	1
01.12.01535	Cable screw M8x8 Samson 150	1
01.11.09407	Taptite MRX-M4x6 Samson 150	1



Progress electrode holder



Progress is a high quality electrode holder with a screw-on closed head. The extreme tight grip on the electrode, the wide range of applications and the optimal electric safety (class A for Progress 400) have made the Progress electrode holder well-known with welders around the globe.

The handle of the Progress electrode holder is made of glass fibre reinforced polyester and the innerparts are made of high alloy brass.

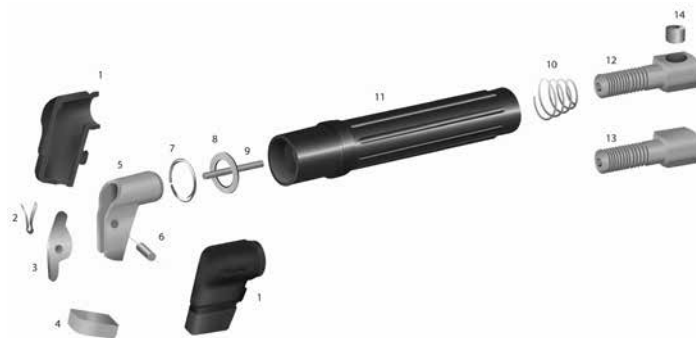
Avoid costly downtime and increase productivity and safety with this superior, long- lifetime electrode holder.

Spare parts are available from stock. Retail packaging and detailed leaflets are available on request.
Made in The Netherlands.

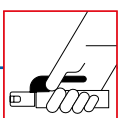
EN 60974-11

Product nr	Description	Electrode	Connection	Cable	Packing
01.03.41100	Progress 400-1.	1.6 - 6.3 mm	1 screw 9/16"	25-95 mm ²	1/10
01.03.41300	Progress 400-M18 x 1.5.	1.6 - 6.3 mm	M18 x 1.5	35-95 mm ²	1/10
01.03.60100	Progress 600-1.	1.6 - 8.0 mm	1 screw 9/16"	25-95 mm ²	1/10
01.03.60300	Progress 600-M18 x 1.5.	1.6 - 8.0 mm	M18 x 1.5	35-95 mm ²	1/10

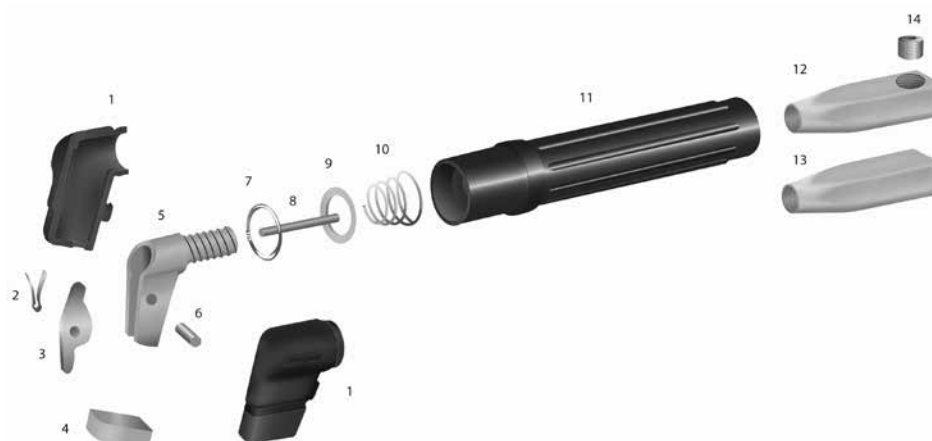
Progress 400 spare parts



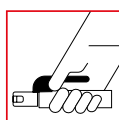
Product nr	Description	Draw nr	Packing
01.13.13410	Set insulating caps Progress 400.	1	1
01.13.13480	Laminated suspension spring Progress 400.	2	1
01.13.03483	Lever Progress 400.	3	1
01.13.03681	Clamping strip Progress 400.	4	1
01.13.13484	Head Progress 400.	5	1
01.13.13482	Hinge pin Progress 400.	6	1
01.13.13488	Securing washer Progress 400.	7	1
01.13.13489	Washer Progress 400.	8	1
01.03.42000	Head (complete) Progress 400.	1 - 7	1
01.13.13485	Pressing pin Progress 400.	9	1
01.13.13487	Spring Progress 400.	10	1
01.13.13430	Handle Progress 400.	11	1
01.13.13401	Body Progress 400-1 with thread and cable locking screw.	12 + 14	1
01.13.13403	Body Progress 400/M18 x 1.5 with thread for clamp connection.	13	1
01.11.09404	Cable screw 9/16 UNF Progress 400.	14	1
01.11.09403	Allen key 6 mm.		1



Progress 600 spare parts



Product nr	Description	Draw nr	Packing
01.13.03610	Set insulating caps Progress 600.	1	1
01.13.13480	Laminated suspension spring Progress 400.	2	10
01.13.03683	Lever Progress 600.	3	1
01.13.03681	Clamping strip Progress 600.	4	1
01.13.03684	Head Progress 600.	5	1
01.13.03682	Hinge pin Progress 600.	6	1
01.03.61000	Head (complete) Progress 600.	1 - 7	1
01.13.13488	Securing washer Progress 400.	7	10
01.13.03685	Pressing pin Progress 600.	8	1
01.13.13489	Washer Progress 400.	9	10
01.13.03487	Spring Progress 400.	10	10
01.13.03430	Handle Progress 600.	11	1
01.13.03603	Body Progress 600 M18 x 1.5.	13	1
01.13.03601	Body Progress 600-1 with thread and cable locking screw.	12 + 14	1
01.11.09404	Cable screw 9/16" UNF Progress 600.	14	10
01.11.09403	Allen key 6 mm.		10



Victory electrode holder



Victory is a high quality and simple electrode holder with a turnable head. The slim and smooth appearance allows for welding in the most confined areas. The extreme tight grip on the electrode, the wide range of applications and the optimal electric safety (class A for Victory 400) have made the Victory electrode holder well-known with welders around the globe.

The handle of the Victory electrode holder is made of glass fibre reinforced polyester and the innerparts are made of high alloy brass.

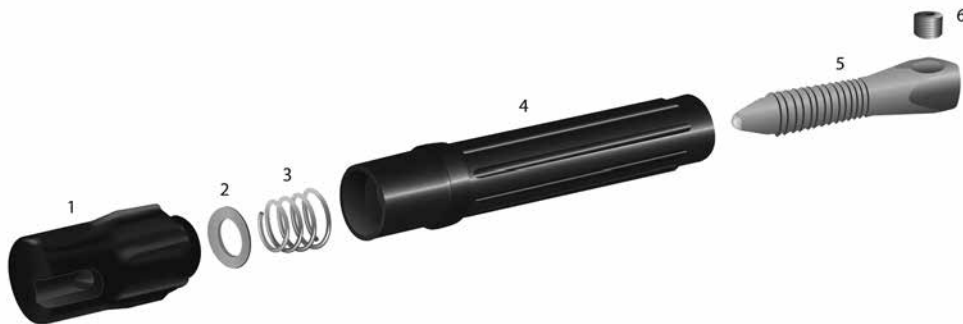
Avoid costly downtime and increase productivity and safety with this superior, long- lifetime electrode holder.

Spare parts are available from stock. Retail packaging and detailed leaflets are available on request.
Made in The Netherlands.

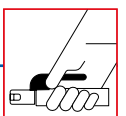
EN 60974-11

Product nr	Description	Electrode	Connection	Cable	Packing
01.04.40100	Victory 400-1.	1.6 - 6.3 mm	1 screw 9/16"	25-95 mm ²	1/10
01.04.60100	Victory 600-1.	1.6 - 8.0 mm	1 screw 9/16"	25-95 mm ²	1/10

Victory spare parts



Product nr	Description	Draw nr	Packing
01.14.04610	Head complete Victory 600.	1	1
01.14.04410	Head complete Victory 400.	1	1
01.13.03489	Washer Victory 400/600.	2	10
01.13.03487	Spring Victory 400/600.	3	10
01.13.03431	Handle Victory 400.	4	1
01.13.03432	Handle Victory 600.	4	1
01.14.04401	Body Victory 400-1 with thread and cable locking screw.	5+6	1
01.14.04601	Body Victory 600-1 with thread and cable locking screw.	5+6	1
01.11.09404	Cable screw 9/16" UNF Victory 400/600.	6	10
01.11.09403	Allen key 6 mm.		10



Weldsafe Quicko electrode holder

01



The Quicko is an economic alternative electrode holder with a closed head, suitable for occasional welding. The handle of the Quicko is made of nylon. The innerparts are made of brass. Spare parts are not available. Packed in display packaging.

EN 60974-11

Product nr	Description	Electrode	Connection	Cable	Packing
01.40.21200	Quicko, 150-200 ampère.	1.6 - 4.0 mm	2 screws M10	35 mm ²	1/50
01.40.21300	Quicko, 200-300 ampère.	1.6 - 5.0 mm	2 screws M10	50 mm ²	1/50

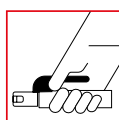
Weldsafe Croco electrode holder



The Croco is an economic alternative electrode holder with an open jaw, suitable for occasional welding. The handle of the Croco is made of nylon. The innerparts are made of brass. Spare parts are not available. Packed in display packaging.

EN 60974-11

Product nr	Description	Electrode	Connection	Cable	Packing
01.40.20150	Croco, 150-200 ampère.	1.6 - 3.2 mm	2 screws M10	25 mm ²	1/50
01.40.20300	Croco, 300 ampère.	1.6 - 5.0 mm	2 screws M10	50 mm ²	1/50
01.40.20400	Croco, 400 ampère.	1.6 - 6.3 mm	2 screws M10	70 mm ²	1/50



Weldsafe Twisty electrode holder



The Twisty is an economic alternative electrode holder with a screw-on closed head, suitable for occasional welding. The handle of the Twisty is made of nylon. The innerparts are made of brass.

Spare parts are not available.

Packed in display packaging.

EN 60974-11

Product nr	Description	Electrode	Connection	Cable	Packing
01.40.22200	Twisty, 200 ampère.	1.6 - 3.2 mm	2 screws M10	25 mm ²	1/50
01.40.22400	Twisty, 400 ampère.	1.6 - 5.0 mm	2 screws M10	50 mm ²	1/50

Weldsafe Turner electrode holder



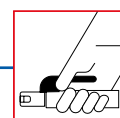
The Turner is an economic alternative electrode holder with a screw-on closed head, suitable for occasional welding. The handle of the Turner is made of nylon. The innerparts are made of brass.

Spare parts are not available.

Packed in display packaging.

EN 60974-11

Product nr	Description	Electrode	Connection	Cable	Packing
01.40.23200	Turner, 200 ampère.	1.6 - 3.2 mm	2 screws M10	25 mm ²	1/50
01.40.23400	Turner, 300 ampère.	1.6 - 5.0 mm	2 screws M10	50 mm ²	1/50



Phoenix Safetube® storage containers for welding rods

01



Industrial storage containers Safetube® for welding rods, waterproof. Colour yellow. The Safetube is available for electrodes of 350 mm or 450 mm. With carrying strap.

Designed by welders, the Safetube® rod canister eliminates traditional canister problems.

- Each model is a diamond shape to prevent the canister from rolling off a work surface.
- The canister cap uses a quick-lock thread for simple removal with just a quarter turn.
- The cap is also sealed with a pressure fitted O-ring to prevent intrusion of moisture and contaminants.
- Pressure fitted O-ring keeps out dirt and moisture.
- Safety: yellow colour is easily seen from a distance.

Detailed leaflets are available on request.

Product nr	Description	Packing
01.60.00100	Storage container 350 mm with strap	1/12
01.60.00100	Storage container 350 mm.	1/12
01.60.00105	Storage container 450 mm with strap.	1/12
01.60.00105	Storage container 450 mm.	1/12
01.60.00110	Carrying strap.	1/12

Phoenix Safetube® rod canister and Wall Storage Rack



Safetube® Electrode Storage Container.

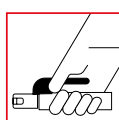
Designed by welders, the Safetube® rod canister eliminates traditional canister problems.

- Diamond shaped to prevent the canister from rolling off a work surface.
- The canister cap uses a quick-lock thread for simple removal with just a quarter turn.
- The cap is also sealed with a pressure fitted O-ring to prevent intrusion of moisture and contaminants.
- Pressure fitted O-ring keeps out dirt and moisture.
- Safety: yellow colour is easily seen from a distance.

Wall Storage Rack For (4) Safetube® Rod Canisters

Detailed leaflets are available on request.

Product nr	Description	Packing
01.60.00107	Safetube rod canisters 1000 mm.	1/12
01.60.00105	Wall storage rack for four 1000 mm canisters.	1/12



Phoenix DryRod® II Type 1



The DryRod® II Type 1 is the smallest portable rod oven available from Phoenix. The DryRod®II Type 1 oven is ideal for the individual welder.

The oven chamber temperature remains fixed at a consistent 149°C (300°F), ensuring electrodes remain moisture-free in the field and pass inspection.

Type 1 ovens provide unmatched durability and are designed to be repaired rather than replaced.

Built with heavy gauge steel and powder coated to withstand challenging conditions, the Type 1 will remain in use for multiple projects.

- 5 kg storage capacity for 14" or 18" electrodes.
- Rod elevator for quick removal of electrodes.
- 3 meter (10 ft) cord locks into the oven base to create a fixed connection.
- Body and lid insulation minimizes heat loss and energy use.
- Indicator light.
- Safety Yellow colour increases field visibility.
- Spring latch tightly secures insulated lid for transport.
- NEW 120/240V dual volt heating elements.

Made in the USA

EN60335-1:1994 (A1 and A2 and A11 through A16 included)

EN60335-2-45:96; IEC60335-1,A2:99 (EN60335-1,A2:00)

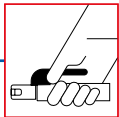
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EN61000-3-2/04.95+A104.98+A14/2000

EN61000-3-3/01.95

Protection class I - IPX0

Product nr	Description	Packing
01.60.10000	DryRod® II Type 1 Oven (5 kg) with indicator light	1/1



Phoenix DryRod® II Type 2

01



The DryRod® II Type 2 portable rod ovens offer welders the ability to control oven temperature. The DryRod®II Type 2 oven can be filled from a large capacity storage oven. Type 2 portable ovens ensure electrodes remain moisture-free in the field and meet welding code requirements. The ovens include a thermostat to adjust oven temperature in line with electrode requirements. Built with heavy gauge steel and powder coated to withstand challenging conditions, the Type 2 will remain in use for multiple projects.

- 10 kg storage capacity for 14" or 18" electrodes.
- Rod elevator for quick removal of electrodes.
- Adjustable thermostat provides temperature (from 38-149 °C) control in the field.
- 3 meter (10 ft) cord locks into the oven base to create a fixed connection.
- Body and lid insulation minimizes heat loss and energy usage.
- Safety Yellow colour increases field visibility.
- Spring latch tightly secures insulated lid for transport.
- NEW 120/240V dual volt heating elements.

Made in the USA

EN60335-1:1994 (A1 and A2 and A11 through A16 included)

EN60335-2-45:96; IEC60335-1,A2:99 (EN60335-1,A2:00)

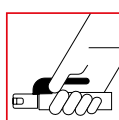
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EN61000-3-2/04.95+A104.98+A14/2000

EN61000-3-3/01.95

Protection class I - IPX0

Product nr	Description	Packing
01.60.10002	DryRod® II Type 2 Oven (10 kg)	1/1
01.60.10003	DryRod® II Type 2 Oven (10 kg) with thermometer.	1/1



Phoenix DryRod® II Type 5



The DryRod® II Type 5 portable rod ovens offer welders increased portability. The Type 5 is available with wheels and a pull handle or with carry handles. The Type 5 oven can be filled from a large capacity storage oven and supply multiple welders with electrodes throughout the workday.

The Type 5 ensures electrodes remain moisture-free in the field and meet welding code requirements.

Built with heavy gauge steel and powder coated to withstand challenging conditions, the Type 5 will remain in use for multiple projects.

- 25 kg storage capacity for 14" or 18" electrodes.
- Adjustable thermostat provides temperature (from 38-149 °C) control in the field.
- 3 meter (10 ft) cord locks into the oven base to create a fixed connection.
- Body and lid insulation minimizes heat loss and energy usage.
- Safety Yellow colour increases field visibility.
- Spring latch tightly secures insulated lid for transport.

Made in the USA

EN60335-1:1994 (A1 and A2 and A11 through A16 included)

EN60335-2-45:96; IEC60335-1,A2:99 (EN60335-1,A2:00)

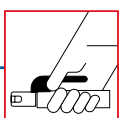
EN55014-1/02.97+A1/1997+A2/1999

EN61000-3-2/04.95+A104.98+A14/2000

EN61000-3-3/01.95

Protection class I - IPX0

Product nr	Description	Packing
01.60.10505	DryRod® II Type 5 Oven (25 kg)	1/1
01.60.10506	DryRod® II Type 5 Oven (25 kg) with thermometer.	1/1



Phoenix DryRod® Oven Type 15 on wheels



The DryRod II Type 15 portable rod ovens offer the unique combination of portability and high capacity. The oven's wheels and pull handle easily transport 75 kg of electrodes to supply larger job sites and multiple welders.

Type 15 portable ovens ensure electrodes remain moisture-free in the field and meet welding code requirements.

Built with heavy gauge steel and powder coated to withstand challenging conditions, the Type 15 will remain in use for multiple projects.

- 75 kg storage capacity for 14 in or 18 in electrodes.
- Adjustable thermostat provides temperature (from 38-149 °C) control in the field.
- 3 meter (10 ft) cord locks into the oven base to create a fixed connection.
- Body and lid insulation minimizes heat loss and energy usage.
- Safety Yellow colour increases field visibility.
- Spring latch tightly secures insulated lid for transport.
- Heating element 600 Watt.
- Voltage 120V/240 V AC
- Weight 36,8 kilo.
- Size 51 x 56 x 74 cm
- Inside Ø 35,5 cm x 50,2 cm deep.

Made in the USA

EN60335-1:1994 (A1 and A2 and A11 through A16 included)

EN60335-2-45:96; IEC60335-1,A2:99 (EN60335-1,A2:00)

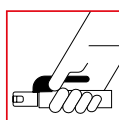
EN55014-1/02.97+A1/1997+A2/1999

EN61000-3-2/04.95+A104.98+A14/2000

EN61000-3-3/01.95

Protection class I - IPX0

Product nr	Description	Packing
01.60.10015	DryRod® II Portable Rod Oven Type 15 (75 kg)	1/1
01.60.10020	DryRod® II Portable Rod Oven Type 15 (75 kg) with thermometer.	1/1



Phoenix DryRod® Bench Oven Type 15B



The DryRod II Type 15B bench rod ovens are designed to fit in the welding shop where space is at a premium. The Type 15B ensures electrodes remain moisture-free and meet welding code requirements. Built with heavy gauge steel and powder coated to withstand challenging conditions, the Type 15B will remain in use for multiple projects.

- 75 kg storage capacity for 14" or 18" electrodes.
- Adjustable thermostat provides temperature (from 38-149 °C) control in the field.
- 3 meter (10 ft) cord locks into the oven base to create a fixed connection.
- Body and lid insulation minimizes heat loss and energy usage.
- Safety Yellow colour increases field visibility.
- Spring latch tightly secures insulated lid for transport.
- Heating element 600 Watt.
- Voltage 120V/240 V AC
- Weight 36,8 kilo.
- Size 51 x 56 x 74 cm
- Inside Ø 35,5 cm x 50,2 cm deep.

Made in the USA

EN60335-1:1994 (A1 and A2 and A11 through A16 included)

EN60335-2-45:96; IEC60335-1,A2:99 (EN60335-1,A2:00)

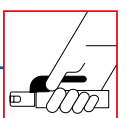
EN55014-1/02.97+A1/1997+A2/1999

EN61000-3-2/04.95+A104.98+A14/2000

EN61000-3-3/01.95

Protection class I - IPX0

Product nr	Description	Packing
01.60.10016	DryRod® Bench Rod Oven Type 15B (75 kg)	1/1
01.60.10021	DryRod® Bench Rod Oven Type 15B (75 kg) with thermometer.	1/1



Phoenix DryRod® Bench Oven Type 300



Type 300 ovens are stationary bench ovens that offer high capacity storage. The oven is powered with two 500W heating elements, which work with the circular shape and door vent to provide a consistent storage environment. Also featured is a thermostat mounted on the rear of the oven, allowing for chamber temperature control. As an option to maximize available floor space, the Type 300 can be made stacking capable. Stacking feet are secured to the lower oven, allowing a second Type 300 to be bolted above.

Ensure electrodes remain moisture-free in the field and meet welding code requirements.

- 182 kg capacity of 18" (450 mm) electrodes.
- Thermostatic control 38 - 288°C (HT 38 - 350°C) adjustable.
- Circular oven chamber promotes airflow and consistent heating.
- Available with optional thermometer for immediate temperature indication.
- Voltage 120 V - 240 V AC or 240 V - 480 V AC.
- Heating element 1500 Watt.
- Inside Ø 45,72 cm 48,26 cm deep.

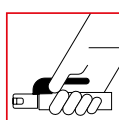
Made in the USA

EN60335-1:95 (A1 and A2 included)

EN 60335-245:945

Protection class I - IPX0

Product nr	Description	Packing
01.60.00505	Phoenix DryRod® Bench Rod Oven Type 300 120V	1/1
01.60.00500	Phoenix DryRod® Bench Rod Oven Type 300 240-480V	1/1
01.60.00510	Phoenix DryRod® Bench Rod Oven Type 300HT 240-480V (38 - 350°C)	1/1



Phoenix DryRod® Bench Oven Type 900



The Type 900 follows the design of the Type 300 but offers maximum capacity for high volume users of welding rods. Individually separated chambers offer improved storage conditions for multiple electrode types.

The oven is powered with two 1200W heating elements, which work with the circular shape and door vent to provide a consistent storage environment. Also featured is a thermostat mounted on the rear of the oven, allowing for chamber temperature control. The rugged design and durability make Type 900 rod ovens a long-term investment to see you through multiple projects. Ensure electrodes remain moisture-free in the field and meet welding code requirements.

In the shop or at the jobsite, the Type 900 will keep your electrodes dry

- 500kg capacity of 18" (450 mm) electrodes in 10 different divided chambers.
- Thermostatic control 38 - 288°C adjustable.
- Circular oven chamber promotes airflow and consistent heating.
- Available with optional thermometer for immediate temperature indication.
- Voltage 240 V - 480 V AC.
- Heating element 4000 Watt.
- Outside 51 x 56 x 74 cm
- Inside Ø 76,2 cm 71,12 cm deep.

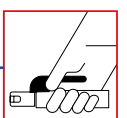
Made in the USA

EN60335-1:95 (A1 and A2 included)

EN60335-2-45:945

Protection class I - IPX0

Product nr	Description	Packing
01.60.00600	Phoenix DryRod® Bench Rod Oven Type 900 240-480V	1/1



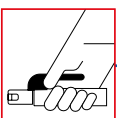


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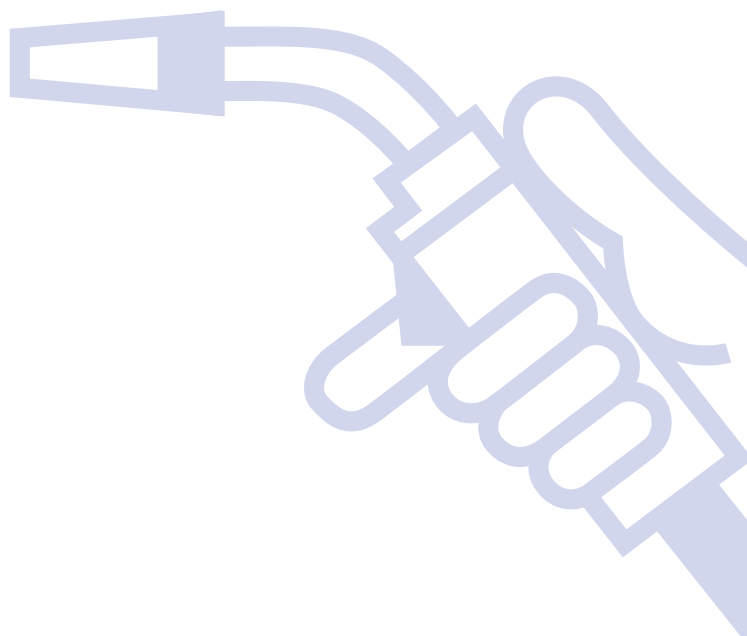
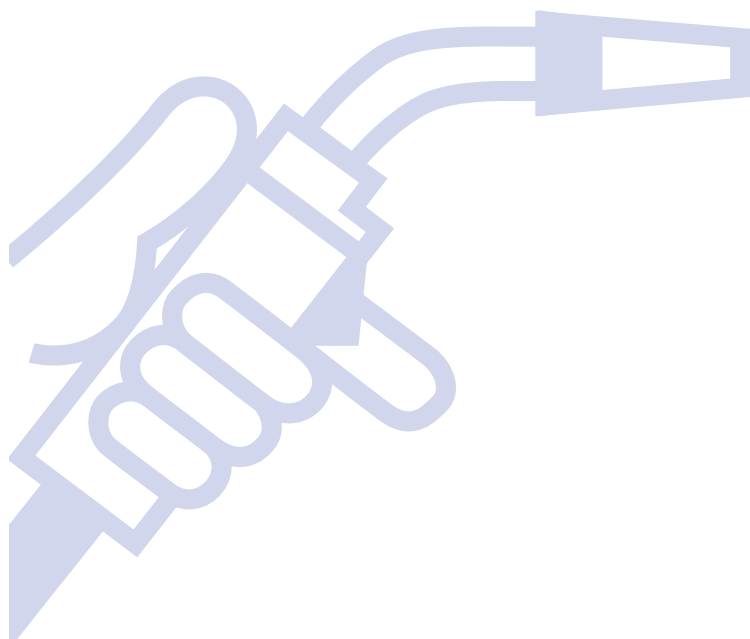


TABLE OF CONTENTS MIG/TIG

03



Wolfram electrodes

The electrodes used in the TIG welding process etc. are made from wolfram. This element has the following properties:

- High melting point (3410°C)
- Low electrical resistance
- High heat conductivity capacity

The areas in which the wolfram electrodes supplied by Vlamboog are used are TIG welding, plasma welding, orbital welding, micro plasma welding and plasma cutting.

All Vlamboog wolfram electrodes satisfy standard ISO 6848.

To optimise power transmission and performance, elements in the form of metal oxides are added to the wolfram. This addition is also referred to in practice as “dope”.

A few examples of the additions are:

- Lanthanum oxide (La₂O₃) 1-2%
- Zirconium oxide (ZrO₂) 0.4-0.8%
- Cerium oxide (CeO₂) 1-2%

As a general rule, the following applies to the choice of the type of electrode:

- Alternating current: pure wolfram, WX electrode or wolfram with ZrO₂ (Zirconium oxide).
- Direct current: wolfram with the addition of other metal oxides.

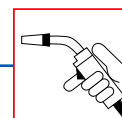
The selection of substances added also affects the wear and tear of the electrode. Electrodes with 2% lanthanum oxide and 2% cerium oxide respectively wear less quickly than electrodes to which other substances have been added. Lanthanum is more resistant to splitting than cerium.

The table below shows the possibilities for using the TIG welding process with the materials in question:

TIG welding process materials	Direct current		Alternating current
	Electrode on minus pole	Electrode on plus pole	
Non-alloyed & low-alloyed steel	Yes, very suitable	No	Possible
High-alloyed stainless steel, heat & acid-resistant steel	Yes, very suitable	No	Possible
Copper and copper alloys	Yes, very suitable	No	Possible
Aluminium bronze	Possible	No	Yes
Nickel and nickel alloys	Yes	No	Yes
Aluminium, and aluminium alloys	Yes, with square wave power source	Only low amperages possible (10-30A)	Yes
Magnesium and magnesium alloys	Yes	Only low amperages possible (10-30A)	Yes
Titanium	Yes	No	No

Overview of advice on Wolfram electrodes

Type of electrode	Head colour	Type and percentage of oxide (dope)	Direct current - pole	Direct current + pole	Alternating current	Arc stability	Reignition	Useful life	Material to be welded
WL-10	Black	LaO ₂ 0.90 – 1.20%	++	--	±	+	+	++	Fe – Stainless steel
WL-15	Gold	LaO ₂ 1.30 – 1.70%	++	--	±	+	+	++	Fe – Stainless steel
WL-20	Blue	LaO ₂ 1.80 – 2.20%	++	--	±	+	+	++	Fe – Stainless steel
WP	Green	W ≥99.95%			+	-	-	-	Aluminium
WX	Sky-blue	Oxides of rare earth metals	++	--	++	+	++	++	Fe – Stainless steel – Aluminium
WC-20	Grey	CeO ₂ 1.80 – 2.20%	++	--	±	+	+	+	Fe – RVS
WZ-8	White	ZrO ₂ 0.70 – 0.90%	++		+	+	+	+	Fe – Stainless steel – Aluminium



Weldsafe Tip-Trimmer: Tungsten Grinder and Cutter



The Weldsafe tungsten grinder and cutter is a wet-grinding machine with the ability to both grind and cut tungsten electrodes in the same chamber.

Wet grinding produces a polished tip with no blueing, while at the same time the hazardous dust is collected in the fluid and transferred to a replaceable waste container.

- No external or additional exhaust system needed.
- Wet-grinding with replaceable, easy to empty waste container safely removes grinding dust.
- Precise longitudinal grinding eliminates any concavity of the electrode tip.
- Cuts and grinds electrodes as short as 10mm in length.
- Exact adjustment minimises consumption of tungsten electrode when grinding.
- Adjustment of grinding position on wheel triples diamond wheel life expectancy.
- Grind and cut tungsten electrodes in one chamber!

The Weldsafe tungsten grinder/cutter is the first wet-grinding machine with the ability to both grind and cut tungsten electrodes in the same chamber.

Wet grinding produces a polished tip with no blueing, while at the same time the hazardous dust is collected in the fluid and transferred to a replaceable waste container. No tools are needed for the easy removal of the waste container for its safe disposal.

In the tungsten grinder/cutter, the electrode is ground on the side of the diamond wheel and produces a perfectly straight longitudinal finish without any concavity of the tip. The guide for the electrode holder can be set in three different positions on the diamond wheel and this can triple the lifetime of the wheel.

Technical specifications

Power Supply 230V/50-60Hz or 115V/50-60 Hz

Electrodes: 1.0 to 4.0 mm

Speed: 9500 Rpm

Diamond wheel: 100 mm diameter

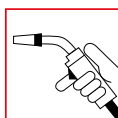
Grinding speed: 60 m/s

Weight: 12.8 kg

Product nr	Description	Packing
03.42.93000	Weldsafe tungsten electrode sharpener 230V (no cutting)	1
03.42.93005	Weldsafe tungsten electrode sharpener and cutter 230V (see picture)	1

Weldsafe Tip Trimmer parts and consumables

Product nr	Description	Packing
03.42.93007	Dust collector with liquid	1
03.42.93010	Grinding liquid 5 liter	1
03.42.93011	Grinding liquid 0.5 liter	1
03.42.93012	Grinding liquid 0.25 liter	1
03.42.93013	Grinding liquid concentrate 0.5L for 10 liter grinding liquid	1
03.42.93015	Diamond wheel Ø 100 mm.	1
03.42.93016	Cutting wheel Ø 60 mm.	1
03.42.93022	Electrode clamp 1.0 mm.	1
03.42.93023	Electrode clamp 1.6 mm.	1
03.42.93024	Electrode clamp 2.0 mm.	1
03.42.93025	Electrode clamp 2.4 mm.	1
03.42.93026	Electrode clamp 3.2 mm.	1



Product nr	Description	Packing
03.42.93027	Electrode clamp 4.0 mm.	1
03.42.93028	Electrode clamp 4.8 mm.	1
03.42.93029	Electrode clamp 5.6 mm.	1
03.42.93030	Electrode clamp 6.4 mm.	1
03.42.93033	Fuse screw plug (stop plug) for electrode holders	1
03.42.93034	Stainless steel barrel 0.8 - 4.8 mm.	1
03.42.93036	Handle for stainless steel barrel 0,8-4,8 mm.	1
03.42.93037	Cutting length adjustment 25mm.	1
03.42.93038	Cutting length adjustment 87 mm.	1
03.42.93039	Cutting length adjustment free	1
03.42.93042	Bush cutting 2.4 - 3.2 mm.	1
03.42.93043	Bush cutting 4.0 - 4.8 mm.	1
03.42.93045	Electrode holder 5.4 - 8.0 mm complete	1
03.42.93046	Handle Electrode holder 5.6 - 8.0 mm complete	1
03.42.93047	Stainless steel barrel 5.6,6 - 8.0 mm complete	1
03.42.93050	Locking wedge for dust collector	1
03.42.93081	Inspection cover Tip-Trimmer	1

Weldsafe portable tungsten grinder 230V



Portable tungsten grinder for quick, precise and dust-free preparation of tungsten electrodes. The Weldsafe tungsten electrode sharpener is an enclosed electrode grinder, which significantly reduces harmful grinding dust exposure to both the user and the environment. Integrated vacuum extraction with replaceable dust filter. Supplied in a lightweight case.

Repeatable Precision Grinding

- Degree scale lets you set your grind angle and lock it into place.
- Diamond wheel grinds longitudinally for a steady arc and optimal performance.
- Easy to use electrode positioning/locking device holds tungsten securely in place.
- Grind tapers from 15° to 180°.

Technologically Advanced

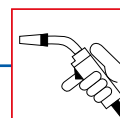
- Integrated filter cartridge captures all tungsten dust.
- Variable grinding position to maximize life of the diamond grinding wheel.

Eco-Friendly

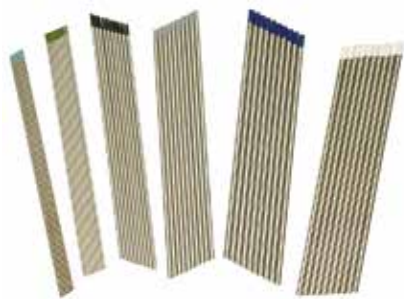
- Disposable cartridge safely collects all dust particles.
- No separate exhaust system required.
- Meets strict EU environmental regulations, capturing dust at the source.

EN 292-1, EN 292-2, EN 294

Product nr	Description	Packing
03.42.93100	Weldsafe portable tungsten grinder	1
03.42.93108	Diamond wheel Ø 40 mm.	1
03.42.93118	Electrode clamp Ø 2.4 mm	1
03.42.93127	Weldsafe dustfilter	1



Weldsafe tungsten electrodes



Tungsten electrodes have an extremely high melting point of 3410 degrees Celsius. This makes tungsten electrodes very suitable for igniting and maintaining the electronic arc in the various metal processes.

Available on request and in various lengths, sharpened or unsharpened.

EN ISO 6848

Weldsafe tungsten electrodes WL-15, 1.5% Lanthanium, 175 mm, gold

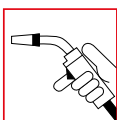
Product nr	Description	Packing
03.49.00710	Ø 1.0 mm.	10/200
03.49.00716	Ø 1.6 mm.	10/200
03.49.00720	Ø 2.0 mm.	10/200
03.49.00724	Ø 2.4 mm.	10/200
03.49.00730	Ø 3.0 mm.	10/200
03.49.00732	Ø 3.2 mm.	10/200
03.49.00740	Ø 4.0 mm.	10/200
03.49.00748	Ø 4.8 mm.	5/100
03.49.00764	Ø 6.4 mm.	5/100

Weldsafe tungsten electrodes WL-10, 1% Lanthanium, 175 mm, black

Product nr	Description	Packing
03.49.15310	Ø 1.0 mm.	10/200
03.49.15316	Ø 1.6 mm.	10/200
03.49.15320	Ø 2.0 mm.	10/200
03.49.15324	Ø 2.4 mm.	10/200
03.49.15330	Ø 3.0 mm.	10/200
03.49.15332	Ø 3.2 mm.	10/200
03.49.15340	Ø 4.0 mm.	10/200
03.49.15348	Ø 4.8 mm.	5/100

Weldsafe tungsten electrodes WL-20, Witstar, 2% Lanthanium, 175 mm, blue

Product nr	Description	Packing
03.49.15410	Ø 1.0 mm.	10/200
03.49.15416	Ø 1.6 mm.	10/200
03.49.15420	Ø 2.0 mm.	10/200
03.49.15424	Ø 2.4 mm.	10/200
03.49.15430	Ø 3.0 mm.	10/200
03.49.15432	Ø 3.2 mm.	10/200
03.49.15440	Ø 4.0 mm.	10/200
03.49.15448	Ø 4.8 mm.	5/100



Weldsafe tungsten electrodes WP, 175 mm, green

Product nr	Description	Packing
03.49.15610	Ø 1.0 mm.	10/200
03.49.15616	Ø 1.6 mm.	10/200
03.49.15620	Ø 2.0 mm.	10/200
03.49.15624	Ø 2.4 mm.	10/200
03.49.15630	Ø 3.0 mm.	10/200
03.49.15632	Ø 3.2 mm.	10/200
03.49.15640	Ø 4.0 mm.	10/200
03.49.15648	Ø 4.8 mm.	5/100

Weldsafe tungsten electrodes WX, Seltene Erde, 175 mm, turquoise

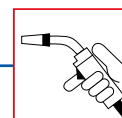
Product nr	Description	Packing
03.49.15710	Ø 1.0 mm.	10/200
03.49.15716	Ø 1.6 mm.	10/200
03.49.15720	Ø 2.0 mm.	10/200
03.49.15724	Ø 2.4 mm.	10/200
03.49.15730	Ø 3.0 mm.	10/200
03.49.15732	Ø 3.2 mm.	10/200
03.49.15740	Ø 4.0 mm.	10/200

Weldsafe tungsten electrodes WC-20, 2% Cerium, 175 mm, grey

Product nr	Description	Packing
03.49.15910	Ø 1.0 mm.	10/200
03.49.15916	Ø 1.6 mm.	10/200
03.49.15920	Ø 2.0 mm.	10/200
03.49.15924	Ø 2.4 mm.	10/200
03.49.15930	Ø 3.0 mm.	10/200
03.49.15932	Ø 3.2 mm.	10/200
03.49.15940	Ø 4.0 mm.	10/200
03.49.15948	Ø 4.8 mm.	5/100
03.49.15964	Ø 6.4 mm.	5/100

Weldsafe tungsten electrodes WZ-8, 0.8% Zirconium, 175 mm, white

Product nr	Description	Packing
03.49.16110	Ø 1.0 mm.	10/200
03.49.16116	Ø 1.6 mm.	10/200
03.49.16120	Ø 2.0 mm.	10/200
03.49.16124	Ø 2.4 mm.	10/200
03.49.16130	Ø 3.0 mm.	10/200
03.49.16132	Ø 3.2 mm.	10/200
03.49.16140	Ø 4.0 mm.	10/200



Weldsafe Tip Dip anti spatter grease



Anti spatter grease Tip Dip guarantees simple removal of welding spatters and optimal protection of nozzle and contact tips. Tip Dip increases the stability of the arc and contains no harmful hydrocarbon detergents.

Product nr	Description	Packing
03.46.24990	Tin with net content of 225 grams.	1/36
03.46.24995	Tin with net content of 500 grams.	1/12

Ceramstak welding spray (Anti spatter spray)

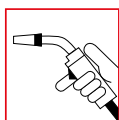


Ceramstak anti spatter spray prevents welding spatters from sticking to the welding torch or to the workpiece. Ceramstak contains no harmful or flammable detergents. Ceramstak spray also offers the perfect solution to stainless steel.

New antispatter spray ceramic-based.

- Resistant up to 1500 ° C.
- Ideal for welding torches and automatic machines.
- It lasts for many working hours.
- +25% product = more convenient
- More ECO: each 10 cans of 500 ml you have 2,5 cans less of waste compared with 400 ml.

Product nr	Description	Packing
03.47.10000	Ceramstak welding spray net content 500 ml.	1/12



ANTITEK weldingspray (Anti spatter spray)

ANTITEK ecological anti spatter spray prevents welding spatters from sticking to the welding torch or to the workpiece. ANTITEK contains no harmful or flammable detergents and is fully silicone free. ANTITEK spray also offers the perfect protection to stainless steel.

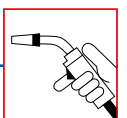
Product nr	Description	Packing
03.47.17000	ANTITEK weldingspray net content 500 ml.	1/12

Weldclean weldingspray (Anti spatter spray)

Weldclean ecological anti spatter liquid prevents welding spatters from sticking to the torch or to the work piece. Weldclean is an anti spatter liquid with water as a base. A work piece treated with Weldclean does not need any extra treatment before varnishing, powder coating or galvanizing.

Weldclean is available in refill packs of 5, 10 or 20 litres. Racks for the refills are available, as well as aluminium cans with sprayers.

Product nr	Description	Packing
03.48.18010	Refill, without tap, 5 litres.	5
03.48.18012	Refill, with tap, 20 litres.	20
03.48.18015	Tap for jerrycan.	1/25
03.48.18030	Aluminium can (empty) with sprayer, 500 ml.	1/25
03.48.18031	Aluminium can (empty).	1/25
03.48.18032	Sprayer for aluminium can.	1/25



Vlamboog tungsten electrode sharpening holder



Vlamboog tungsten electrode sharpening holder for precision sharpening !

A precise angle is paramount to any high quality welding job. This Vlamboog-made tungsten holder has a rotatable brass cylinder for easy and exact positioning of the electrode.

This brass-aluminium electrode rotator is solid and lightweight and comes with spanners for 1.6mm, 2.4mm and 3.2mm electrodes.

Product nr	Description	Packing
03.50.04000	Vlamboog electrode sharpening holder complete (incl. 3 spanners)	1
03.50.04016	Vlamboog spanner 1.6 mm	1
03.50.04024	Vlamboog spanner 2.4 mm	1
03.50.04032	Vlamboog spanner 3.2 mm	1
03.50.04100	Vlamboog electrode sharpening holder aluminium body (lower part)	1
03.50.04105	Vlamboog electrode sharpening holder aluminium spanner head (top part)	1
03.50.04110	Vlamboog electrode sharpening holder brass rotatable cylinder part (middle part)	1
03.50.04115	Vlamboog electrode sharpening holder cap	1

Vlamboog Handy Pen



Vlamboog Handy Pen, for an optimal threading through!

The Handy Pen optimiz s the supply of TIG wire to the welding process and can be held just like any regular writing pen.

The wire supply is being controlled by a small feed-through wheel. Handy Pen is all about optimiz d control of the welding process and improved ergonomic working conditions.

- The Handy Pen can be used for wire diameters from 1.0 mm to 3.2 mm.
- Available per piece. Standard colour: black.
- Other colours and private label versions on request.

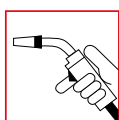
Product nr	Description	Packing
03.50.02065	Vlamboog Handy Pen black	1/10

Fix carbon dioxide collet



The Fix collet is a versatile carbon dioxide wire cut collet for the removing of welding spatters, cleaning and fastening of the mouth piece and contact tips and for the threading through and cutting of welding wire.

Product nr	Description	Packing
03.50.20100	No. 1, 12-15 mm.	1/25
03.50.20101	No. 2, 15-18 mm.	1/25



Weldsafe wire cut collet



Multifunctional sturdy carbon dioxide wire cutter for removing welding spatters, cleaning the mouth piece and contact tip and for the threading through and cutting of the wire.

The Weldsafe wire cut collet is made of high quality carbon steel and ensures a long life time.

03

Product nr	Description	Packing
03.62.30100	Weldsafe wire cutters medium, 180 mm	1/25
03.62.30150	Weldsafe wire cutters large, 210 mm	1/25

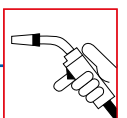
Welper Pliers



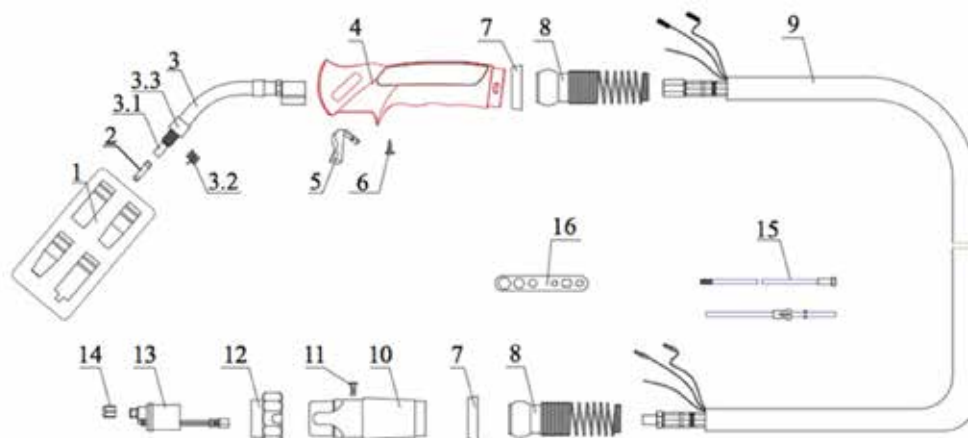
Multifunctional sturdy Welper pliers for removing welding spatters, cleaning the mouth piece and contact tip and for the threading through and cutting of the wire.

The Welper is made of high quality carbon steel and ensures a long life time.

Product nr	Description	Packing
03.50.30100	Mini W-1 CO2 welding pliers, 178 mm length.	1/5/25
03.50.30150	YS-50 CO2 welding pliers, 210 mm length.	1/5/25



Weldsafe MIG torch WS 15 air cooled



Product nr	Description	Packing
03.65.15030	Weldsafe Mig torch WS 15 - 3 meter with Euroconnector	1
03.65.15040	Weldsafe Mig torch WS 15 - 4 meter with Euroconnector	1
03.65.15050	Weldsafe Mig torch WS 15 - 5 meter with Euroconnector	1

Contact tip M6x6 - WS 15

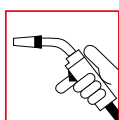
Product nr	Description	Dimensions	Draw nr	Packing
03.61.00100	Contact tip M6x6	Ø 0.6 E-Cu.	2	10
03.61.00102	Contact tip M6x6	Ø 0.8 E-Cu.	2	10
03.61.00104	Contact tip M6x6	Ø 0.9 E-Cu.	2	10
03.61.00106	Contact tip M6x6	Ø 1.0 E-Cu.	2	10
03.61.00108	Contact tip M6x6	Ø 1.2 CuCrZr.	2	10
03.61.00110	Contact tip M6x6	Ø 0.6 CuCrZr.	2	10
03.61.00112	Contact tip M6x6	Ø 0.8 CuCrZr.	2	10
03.61.00114	Contact tip M6x6	Ø 0.9 CuCrZr.	2	10
03.61.00116	Contact tip M6x6	Ø 1.0 CuCrZr.	2	10

Insulated liner - WS 15

Product nr	Description	Dimensions	Draw nr	Packing
03.63.01535	Insulated liner blue	Ø 0.6-0.8 x 3m.	15	1
03.63.01545	Insulated liner blue	Ø 0.6-0.8 x 4m.	15	1
03.63.01555	Insulated liner blue	Ø 0.6-0.8 x 5m.	15	1
03.63.02535	Insulated liner red	Ø 1.0-1.2mm x 3m.	15	1
03.63.02545	Insulated liner red	Ø 1.0-1.2mm x 4m.	15	1
03.63.02555	Insulated liner red	Ø 1.0-1.2mm x 5m.	15	1

Teflon liner - WS 15

Product nr	Description	Dimensions	Draw nr	Packing
03.63.01538	Teflon liner blue	Ø 0.6-0.8mm x 3m.	15	1
03.63.01548	Teflon liner blue	Ø 0.6-0.8mm x 4m.	15	1
03.63.01558	Teflon liner blue	Ø 0.6-0.8mm x 5m.	15	1
03.63.02638	Teflon liner red	Ø 1.0-1.2mm x 3m.	15	1
03.63.02648	Teflon liner red	Ø 1.0-1.2mm x 4m.	15	1
03.63.02658	Teflon liner red	Ø 1.0-1.2mm x 5m.	15	1



Noż e - WS 15

Product nr	Description	Diameter	Draw nr	Packing
03.62.00105	Noż e cylindrical	Ø 16 mm	1	10
03.62.00120	Noż e conical	Ø 12 mm	1	10
03.62.00145	Noż e extra conical	Ø 9.5 mm	1	10

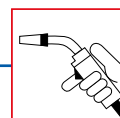
03

Gas noż e holder - WS 15

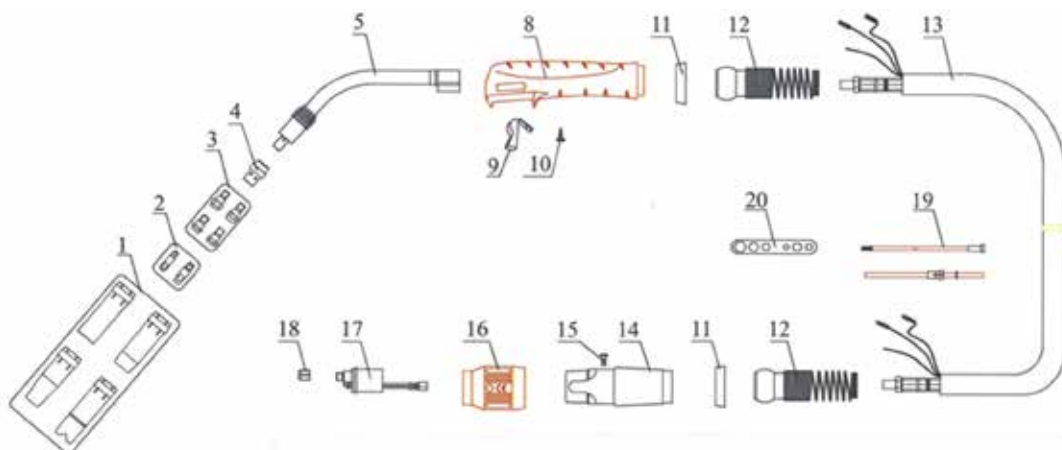
Product nr	Description	Draw nr	Packing
03.61.50000	Gas noż e holder M6 x M8 x 1 LH.	3.1	1

Swan neck - WS 15

Product nr	Description	Draw nr	Packing
03.63.00030	Swan neck WS15.	3	1
03.63.00032	Swan neck flexibel WS15 FX.	3	1
03.63.05600	Shroud spring, WS15.	3.2	10
03.63.05240	Isolation sleeve WS15.	3.3	1



Weldsafe MIG torch WS 24 air cooled



Product nr	Description	Packing
03.65.24030	Weldsafe Mig torch WS 24 - 3 meter with Euroconnector	1
03.65.24040	Weldsafe Mig torch WS 24 - 4 meter with Euroconnector	1
03.65.24050	Weldsafe Mig torch WS 24 - 5 meter with Euroconnector	1

Contact tip M6x8 - WS 24

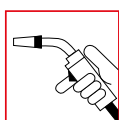
Product nr	Description	Dimensions	Draw nr	Packing
03.61.00202	Contact tip M6x8	Ø 0.8 E-Cu.	2	10
03.61.01206	Contact tip M6x8	Ø 1.0 E-Cu.	2	10
03.61.00208	Contact tip M6x8	Ø 1.2 E-Cu.	2	10
03.61.00212	Contact tip M6x8	Ø 1.6 E-Cu.	2	10
03.61.00203	Contact tip M6x8	Ø 0.8 CuCrZr.	2	10
03.61.00207	Contact tip M6x8	Ø 1.0 CuCrZr.	2	10
03.61.00209	Contact tip M6x8	Ø 1.2 CuCrZr.	2	10
03.61.00213	Contact tip M6x8	Ø 1.6 CuCrZr.	2	10

Insulated liner - WS 24

Product nr	Description	Dimensions	Draw nr	Packing
03.63.01535	Insulated liner blue	Ø 0.6-0.8 x 3m.	19	1
03.63.01545	Insulated liner blue	Ø 0.6-0.8 x 4m.	19	1
03.63.01555	Insulated liner blue	Ø 0.6-0.8 x 5m.	19	1
03.63.02535	Insulated liner red	Ø 1.0-1.2mm x 3m.	19	1
03.63.02545	Insulated liner red	Ø 1.0-1.2mm x 4m.	19	1
03.63.02555	Insulated liner red	Ø 1.0-1.2mm x 5m.	19	1

Teflon liner - WS 24

Product nr	Description	Dimensions	Draw nr	Packing
03.63.01538	Teflon liner blue	Ø 0.6-0.8mm x 3m.	19	1
03.63.01548	Teflon liner blue	Ø 0.6-0.8mm x 4m.	19	1
03.63.01558	Teflon liner blue	Ø 0.6-0.8mm x 5m.	19	1
03.63.02638	Teflon liner blue	Ø 1.0-1.2mm x 3m.	19	1
03.63.02648	Teflon liner red	Ø 1.0-1.2mm x 4m.	19	1
03.63.02658	Teflon liner red	Ø 1.0-1.2mm x 5m.	19	1



MIG/TIG

Noż e - WS 24

Product nr	Description	Diameter	Draw nr	Packing
03.62.00290	Noż e cylindrical	Ø 17 mm	1	10
03.62.00295	Noż e conical	Ø 12.5 mm	1	10
03.62.00300	Noż e strong conical	Ø 10 mm	1	10

Diffuser - WS 24

Product nr	Description	length	Draw nr	Packing
03.63.00510	Diffuser standard white	20mm	4	10

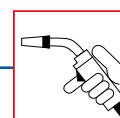
Contact tip holder - WS 24

Product nr	Description	length	Draw nr	Packing
03.61.50002	Contact tip holder M6	26mm	3	10

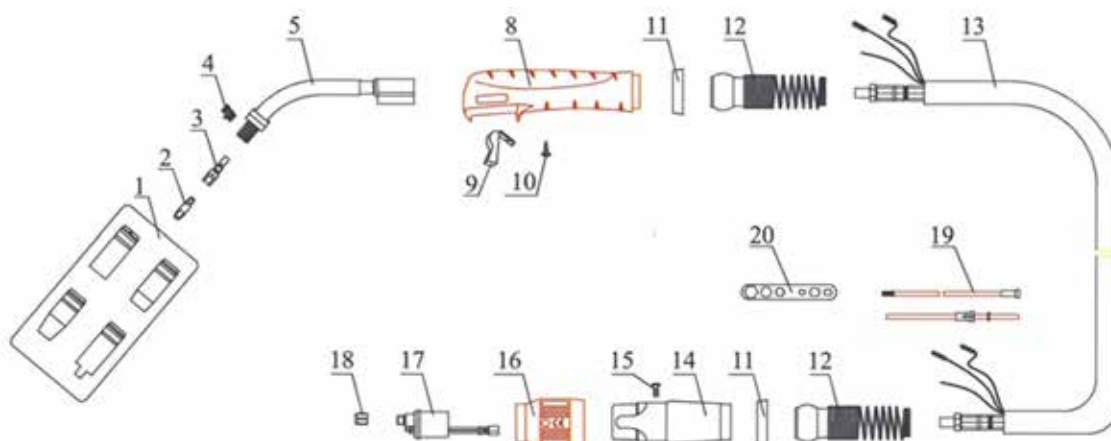
Swan neck - WS 24

Product nr	Description	Draw nr	Packing
03.63.00050	Swan neck WS 24.	5	1

03



Weldsafe MIG torch WS 25 air cooled



Product nr	Description	Packing
03.65.25030	Weldsafe Mig torch WS 25 - 3 meter with Euroconnector	1
03.65.25040	Weldsafe Mig torch WS 25 - 4 meter with Euroconnector	1
03.60.15050	Weldsafe Mig torch WS 25 - 5 meter with Euroconnector	1

Contact tip M6x8 - WS 25

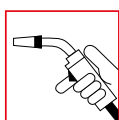
Product nr	Description	Dimensions	Draw nr	Packing
03.61.00202	Contact tip M6x8	Ø 0.8 E-Cu.	2	10
03.61.00206	Contact tip M6x8	Ø 1.0 E-Cu.	2	10
03.61.00208	Contact tip M6x8	Ø 1.2 E-Cu.	2	10
03.61.00212	Contact tip M6x8	Ø 1.6 E-Cu.	2	10
03.61.00203	Contact tip M6x8	Ø 0.8 CuCrZr.	2	10
03.61.00207	Contact tip M6x8	Ø 1.0 CuCrZr.	2	10
03.61.00209	Contact tip M6x8	Ø 1.2 CuCrZr.	2	10
03.61.00213	Contact tip M6x8	Ø 1.6 CuCrZr.	2	10

Insulated liner - WS 25

Product nr	Description	Dimensions	Draw nr	Packing
03.63.01535	Insulated liner blue	Ø 0.6-0.8 x 3m.	19	1
03.63.01545	Insulated liner blue	Ø 0.6-0.8 x 4m.	19	1
03.63.01555	Insulated liner blue	Ø 0.6-0.8 x 5m.	19	1
03.63.02535	Insulated liner red	Ø 1.0-1.2mm x 3m.	19	1
03.63.02545	Insulated liner red	Ø 1.0-1.2mm x 4m.	19	1
03.63.02555	Insulated liner red	Ø 1.0-1.2mm x 5m.	19	1

Teflon liner - WS 25

Product nr	Description	Dimensions	Draw nr	Packing
03.63.01538	Teflon liner blue	Ø 0.6-0.8mm x 3m.	19	1
03.63.01548	Teflon liner blue	Ø 0.6-0.8mm x 4m.	19	1
03.63.01558	Teflon liner blue	Ø 0.6-0.8mm x 5m.	19	1
03.63.02638	Teflon liner blue	Ø 1.0-1.2mm x 3m.	19	1
03.63.02648	Teflon liner blue	Ø 1.0-1.2mm x 4m.	19	1
03.63.02658	Teflon liner blue	Ø 1.0-1.2mm x 5m.	19	1



MIG/TIG

Noz e - WS 25

Product nr	Description	Diameter	Draw nr	Packing
03.62.00406	Noz e cylindrical	Ø 18 mm	1	10
03.62.00415	Noz e conical	Ø 15 mm	1	10

Contact tip holder - WS 25

Product nr	Description	Draw nr	Packing
03.61.50102	Contact tip holder M6 WS 25.	3	10

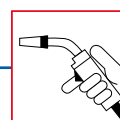
Swan neck - WS 25

Product nr	Description	Draw nr	Packing
03.63.00060	Swan neck WS 25.	5	1
03.63.00062	Swan neck flexibele WS 25 FX.	5	1

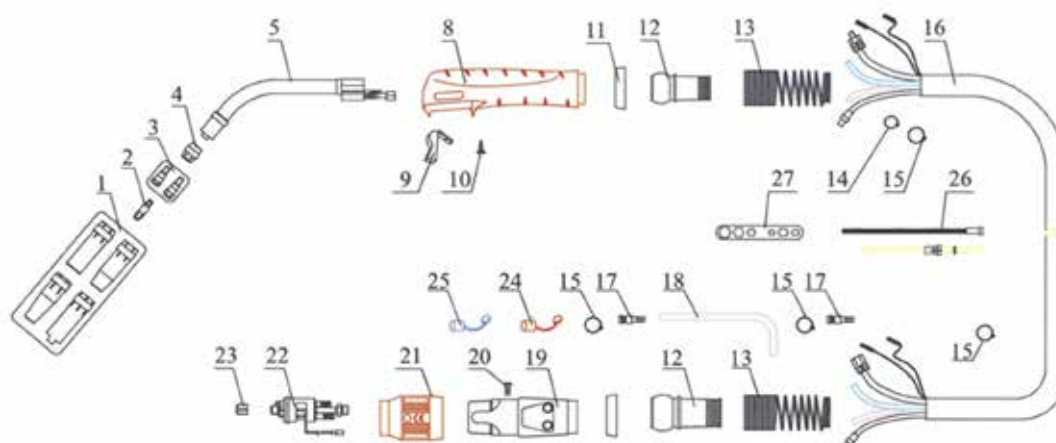
Shroud spring - WS 25

Product nr	Description	Draw nr	Packing
03.63.05620	Shroud spring WS 25.	4	10

03



Weldsafe MIG torch WS 36 air cooled



Product nr	Description	Packing
03.65.36030	Weldsafe Mig torch WS 36 - 3 meter with Euroconnector	1
03.65.36040	Weldsafe Mig torch WS 36 - 4 meter with Euroconnector	1
03.65.36050	Weldsafe Mig torch WS 36 - 5 meter with Euroconnector	1

Contact tip M6x8 - WS 36

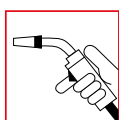
Product nr	Description	Dimensions	Draw nr	Packing
03.61.00202	Contact tip M6x8	Ø 0.8 E-Cu.	2	10
03.61.00206	Contact tip M6x8	Ø 1.0 E-Cu.	2	10
03.61.00208	Contact tip M6x8	Ø 1.2 E-Cu.	2	10
03.61.00212	Contact tip M6x8	Ø 1.6 E-Cu.	2	10
03.61.00203	Contact tip M6x8	Ø 0.8 CuCrZr.	2	10
03.61.00207	Contact tip M6x8	Ø 1.0 CuCrZr.	2	10
03.61.00209	Contact tip M6x8	Ø 1.2 CuCrZr.	2	10
03.61.00213	Contact tip M6x8	Ø 1.6 CuCrZr.	2	10

Insulated liner - WS 36

Product nr	Description	Dimensions	Draw nr	Packing
03.63.01535	Insulated liner blue	Ø 0.6-0.8 x 3m.	26	1
03.63.01545	Insulated liner blue	Ø 0.6-0.8 x 4m.	26	1
03.63.01555	Insulated liner blue	Ø 0.6-0.8 x 5m.	26	1
03.63.02535	Insulated liner red	Ø 1.0-1.2mm x 3m.	26	1
03.63.02545	Insulated liner red	Ø 1.0-1.2mm x 4m.	26	1
03.63.02555	Insulated liner red	Ø 1.0-1.2mm x 5m.	26	1

Teflon liner - WS 36

Product nr	Description	Dimensions	Draw nr	Packing
03.63.01538	Teflon liner blue	Ø 0.6-0.8mm x 3m.	26	1
03.63.01548	Teflon liner blue	Ø 0.6-0.8mm x 4m.	26	1
03.63.01558	Teflon liner blue	Ø 0.6-0.8mm x 5m.	26	1
03.63.02638	Teflon liner blue	Ø 1.0-1.2mm x 3m.	26	1
03.63.02648	Teflon liner red	Ø 1.0-1.2mm x 4m.	26	1
03.63.02658	Teflon liner red	Ø 1.0-1.2mm x 5m.	26	1



MIG/TIG

Nozzle - WS 36

Product nr	Description	Diameter	Draw nr	Packing
03.62.00600	Nozzle cylindrical	Ø 19 mm	1	10
03.62.00605	Nozzle conical	Ø 16 mm	1	10
03.62.00610	Nozzle strong conical	Ø 12 mm	1	10

Diffuser - WS 36

Product nr	Description	Length	Draw nr	Packing
03.63.00530	Diffuser standard white	32.5 mm	4	10
03.63.00540	Diffuser black	32.5 mm	4	10
03.63.00550	Diffuser ceramic	32.5 mm	4	10

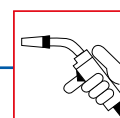
Contact tip holder - WS 36

Product nr	Description	Length	Draw nr	Packing
03.61.50302	Contact tip holder M6	28 mm	3	10
03.61.50304	Contact tip holder M8	28 mm	3	10

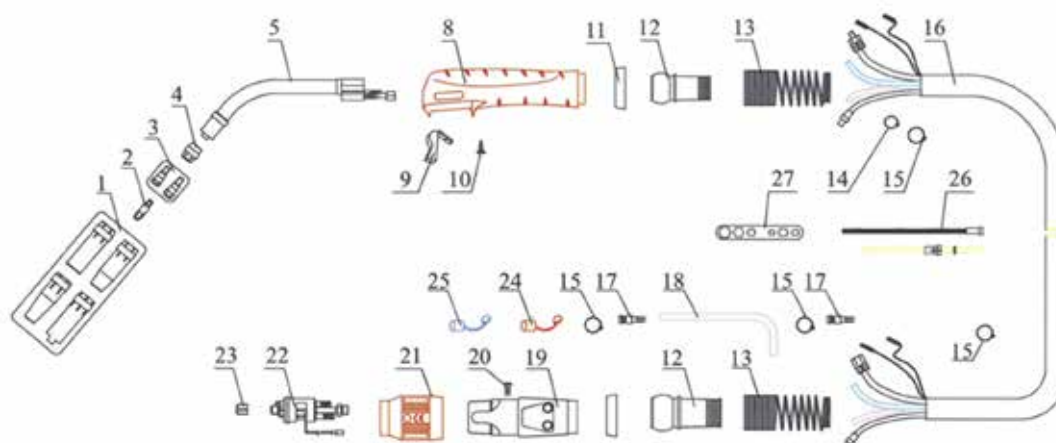
Swan neck - WS 36

Product nr	Description	Draw nr	Packing
03.63.00080	Swan neck WS 36.	5	1

03



Weldsafe MIG torch WS 24W water cooled



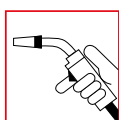
Product nr	Description	Packing
03.65.24130	Weldsafe Mig torch WS 24W - 3 meter with Euroconnector	1
03.65.24140	Weldsafe Mig torch WS 24W - 4 meter with Euroconnector	1
03.65.24150	Weldsafe Mig torch WS 24W - 5 meter with Euroconnector	1

Contact tip M6x8 - WS 24W

Product nr	Description	Dimensions	Draw nr	Packing
03.61.00202	Contact tip M6x8	Ø 0.8 E-Cu.	2	10
03.61.00206	Contact tip M6x8	Ø 1.0 E-Cu.	2	10
03.61.00208	Contact tip M6x8	Ø 1.2 E-Cu.	2	10
03.61.00212	Contact tip M6x8	Ø 1.6 E-Cu.	2	10
03.61.00203	Contact tip M6x8	Ø 0.8 CuCrZr.	2	10
03.61.00207	Contact tip M6x8	Ø 1.0 CuCrZr.	2	10
03.61.00209	Contact tip M6x8	Ø 1.2 CuCrZr.	2	10
03.61.00213	Contact tip M6x8	Ø 1.6 CuCrZr.	2	10

Liner blank - WS 24W

Product nr	Description	Dimensions	Draw nr	Packing
03.63.01530	Liner blank	Ø 0.8 x 3m.	26	1
03.63.01541	Liner blank	Ø 0.8 x 4m.	26	1
03.63.01550	Liner blank	Ø 0.8 x 5m.	26	1
03.63.02530	Liner blank	Ø 1.0-1.2mm x 3m.	26	1
03.63.02540	Liner blank	Ø 1.0-1.2mm x 4m.	26	1
03.63.02550	Liner blank	Ø 1.0-1.2mm x 5m.	26	1
03.63.04636	Liner blank	Ø 1.6mm x 3m.	26	1
03.63.04645	Liner blank	Ø 1.6mm x 4m.	26	1
03.63.04655	Liner blank	Ø 1.6mm x 5m.	26	1



Teflon liner - WS 24W

Product nr	Description	Dimensions	Draw nr	Packing
03.63.01538	Teflon liner blue	Ø 0.6-0.8mm x 3m.	26	1
03.63.01548	Teflon liner blue	Ø 0.6-0.8mm x 4m.	26	1
03.63.01558	Teflon liner blue	Ø 0.6-0.8mm x 5m.	26	1
03.63.02638	Teflon liner blue	Ø 1.0-1.2mm x 3m.	26	1
03.63.02648	Teflon liner red	Ø 1.0-1.2mm x 4m.	26	1
03.63.02658	Teflon liner red	Ø 1.0-1.2mm x 5m.	26	1
03.63.03638	Teflon liner yellow	Ø 1.6mm x 3m.	26	1
03.63.03648	Teflon liner yellow	Ø 1.6mm x 4m.	26	1
03.63.03658	Teflon liner yellow	Ø 1.6mm x 5m.	26	1

Noż e - WS 24W

Product nr	Description	Diameter	Draw nr	Packing
03.62.00290	Noż e cylindrical	Ø 17 mm	1	10
03.62.00295	Noż e conical	Ø 12.5 mm	1	10
03.62.00300	Noż e strong conical	Ø 10 mm	1	10

Diffuser - WS 24W

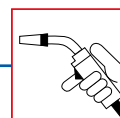
Product nr	Description	Length	Draw nr	Packing
03.63.00510	Diffuser standard white	20mm	4	10

Contact tip holder - WS 24W

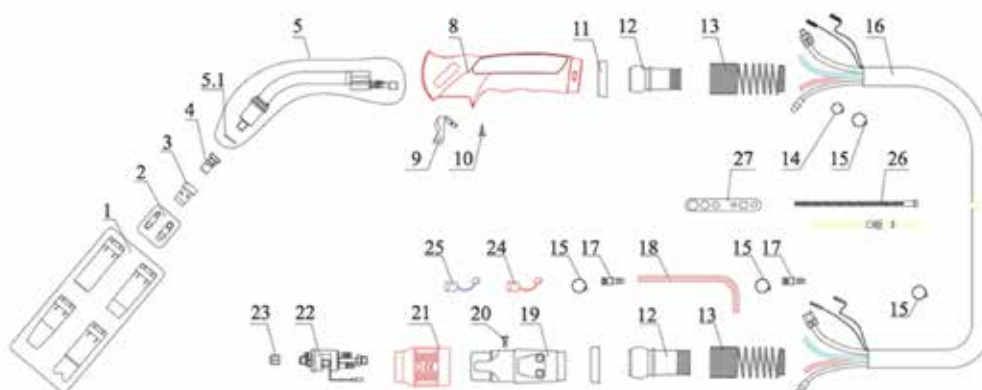
Product nr	Description	Length	Draw nr	Packing
03.61.50002	Contact tip holder M6	26mm	3	10

Swan neck - WS 24W

Product nr	Description	Draw nr	Packing
03.63.00085	Swan neck WS 24W.	5	1

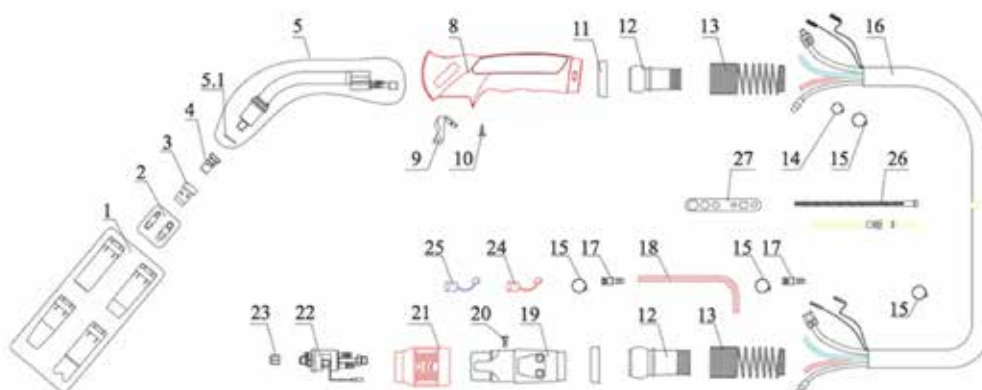


Weldsafe MIG torch WS 401 air cooled



Product nr	Description	Packing
03.65.40030	Weldsafe Mig torch WS 401 - 3 meter with Euroconnector	1
03.65.40040	Weldsafe Mig torch WS 401 - 4 meter with Euroconnector	1
03.65.40050	Weldsafe Mig torch WS 401 - 5 meter with Euroconnector	1

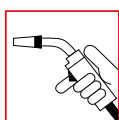
Weldsafe MIG torch WS 501 air cooled



Product nr	Description	Packing
03.65.50030	Weldsafe Mig torch WS 501 - 3 meter with Euroconnector	1
03.65.50040	Weldsafe Mig torch WS 501 - 4 meter with Euroconnector	1
03.65.50050	Weldsafe Mig torch WS 501 - 5 meter with Euroconnector	1

Contact tip M8x10 - WS 401/501

Product nr	Description	Dimensions	Draw nr	Packing
03.61.00300	Contact tip M8x10	Ø 0.8 E-Cu.	2	10
03.61.00302	Contact tip M8x10	Ø 1.0 E-Cu.	2	10
03.61.00105	Contact tip M8x10	Ø 0.9 E-Cu.	2	10
03.61.00304	Contact tip M8x10	Ø 1.2 E-Cu.	2	10
03.61.00308	Contact tip M8x10	Ø 1.6 E-Cu.	2	10
03.61.00301	Contact tip M8x10	Ø 0.8 CuCrZr.	2	10
03.61.00303	Contact tip M8x10	Ø 1.0 CuCrZr.	2	10
03.61.00305	Contact tip M8x10	Ø 1.2 CuCrZr.	2	10
03.61.00307	Contact tip M8x10	Ø 1.4 CuCrZr.	2	10
03.61.00309	Contact tip M8x10	Ø 1.6 CuCrZr.	2	10



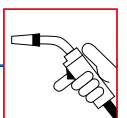
Liner blank - WS 401/501

Product nr	Description	Dimensions	Draw nr	Packing
03.63.01530	Liner blank	Ø 0.8mm x 3m.	26	1
03.63.01541	Liner blank	Ø 0.8mm x 4m.	26	1
03.63.01550	Liner blank	Ø 0.8mm x 5m.	26	1
03.63.02530	Liner blank	Ø 1.0-1.2mm x 3m.	26	1
03.63.02540	Liner blank	Ø 1.0-1.2mm x 4m.	26	1
03.63.02550	Liner blank	Ø 1.0-1.2mm x 5m.	26	1
03.63.04636	Liner blank	Ø 1.6mm x 3m.	26	1
03.63.04645	Liner blank	Ø 1.6mm x 4m.	26	1
03.63.04655	Liner blank	Ø 1.6mm x 5m.	26	1

03

Teflon liner - WS 401/501

Product nr	Description	Dimensions	Draw nr	Packing
03.63.01538	Teflon liner blue	Ø 0.6-0.8mm x 3m.	26	1
03.63.01548	Teflon liner blue	Ø 0.6-0.8mm x 4m.	26	1
03.63.01558	Teflon liner blue	Ø 0.6-0.8mm x 5m.	26	1
03.63.02638	Teflon liner blue	Ø 1.0-1.2mm x 3m.	26	1
03.63.02648	Teflon liner red	Ø 1.0-1.2mm x 4m.	26	1
03.63.02658	Teflon liner red	Ø 1.0-1.2mm x 5m.	26	1
03.63.03638	Teflon liner yellow	Ø 1.6mm x 3m.	26	1
03.63.03648	Teflon liner yellow	Ø 1.6mm x 4m.	26	1
03.63.03658	Teflon liner yellow	Ø 1.6mm x 5m.	26	1



Nozzle - WS 401/501

Product nr	Description	Diameter	Draw nr	Packing
03.62.00800	Nozzle cylindrical	Ø 20 mm	1	10
03.62.00810	Nozzle conical	Ø 16 mm	1	10
03.62.00830	Nozzle strong conical	Ø 14 mm	1	10

Diffuser - WS 401/501

Product nr	Description	length	Draw nr	Packing
03.63.00560	Diffuser standard white	28mm	3	10
03.63.00555	Diffuser ceramic	28mm	3	10
03.63.00570	Diffuser black-	28mm	3	10

Contact tip holder - WS 401/501

Product nr	Description	length	Draw nr	Packing
03.61.50402	Contact tip holder M6	25mm	4	10
03.61.50404	Contact tip holder M8	25mm	4	10

Swan neck - WS 401/501

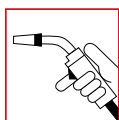
Product nr	Description	Draw nr	Packing
03.63.00090	Swan neck WS 401.	5	1
03.63.00100	Swan neck WS 501.	5	1

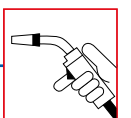
Water inlet hose assembly - WS 401/501

Product nr	Description	length	Packing
03.62.58513	Water inlet hose assembly	3m.	1
03.62.58514	Water inlet hose assembly	4m.	1
03.62.58515	Water inlet hose assembly	5m.	1

Outer liner assembly - WS 401/501

Product nr	Description	length	Packing
03.62.58523	Outer liner assembly	3m.	1
03.62.58524	Outer liner assembly	4m.	1
03.62.58525	Outer liner assembly	5m.	1





Weldsafe TIG torches

TIG torches come in many configurations.

To order the TIG Torch configuration that suits your needs, please select the torch model and specify the required cable length, as shown below.

Please contact us to double-check the most suitable configuration and machine-connection.

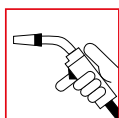
Torch selection				
Type	Amperage	Cooling	Torch	Cable length (meters)
WS9	125	Air	Fixed	4
WS9	125	Air	Fixed	8
WS9	125	Air	Flex	4
WS9	125	Air	Flex	8
WS17	150	Air	Fixed	4
WS17	150	Air	Fixed	8
WS17	150	Air	Flex	4
WS17	150	Water	Flex	8
WS18	350	Water	Fixed	4
WS18	350	Water	Fixed	8
WS18	350	Water	Flex	4
WS18	350	Water	Flex	8
WS18SC	400	Water	Fixed	4
WS18SC	400	Water	Fixed	8
WS20	250	Water	Fixed	4
WS20	250	Water	Fixed	8
WS20	250	Water	Flex	4
WS20	250	Water	Flex	8
WS26	200	Air	Fixed	4
WS26	200	Air	Fixed	8
WS26	200	Air	Flex	4
WS26	200	Air	Flex	8

torch bodies

Product nr	Description	Packing
04.23.40901	Torch body WS9.	1
04.23.40902	Torch body WS9FX.	1
04.23.41701	Torch body WS17.	1
04.23.41702	Torch body WS17FX.	1
04.23.41801	Torch body WS18.	1
04.23.41802	Torch body WS18FX.	1
04.23.42001	Torch body WS20.	1
04.23.42002	Torch body WS20FX.	1
04.23.42601	Torch body WS26.	1
04.23.42602	Torch body WS26FX.	1

Standard ceramic cup WS9/20

Product nr	Description	Diameter	Ref. nr.	Packing
04.23.00001	Standard ceramic cup nr. 4.	Ø 6.5mm	13N08	10
04.23.00002	Standard ceramic cup nr. 5.	Ø 8.0mm	13N09	10
04.23.00003	Standard ceramic cup nr. 6.	Ø 9.5mm	13N10	10
04.23.00004	Standard ceramic cup nr. 7.	Ø 11.0mm	13N11	10
04.23.00005	Standard ceramic cup nr. 8.	Ø 12.5mm	13N12	10
04.23.00006	Standard ceramic cup nr. 10.	Ø 16.0mm	13N13	10



Standard ceramic cup WS17/18/26

Product nr	Description	Diameter	Ref. nr.	Packing
04.23.10001	Standard ceramic cup nr. 4.	Ø 6.5mm	10N50	10
04.23.10002	Standard ceramic cup nr. 5.	Ø 8.0mm	10N49	10
04.23.10003	Standard ceramic cup nr. 6.	Ø 9.5mm	10N48	10
04.23.10004	Standard ceramic cup nr. 7.	Ø 11.0mm	10N47	10
04.23.10005	Standard ceramic cup nr. 8.	Ø 12.5mm	10N46	10
04.23.10006	Standard ceramic cup nr. 10.	Ø 16.0mm	10N45	10
04.23.10007	Standard ceramic cup nr. 12.	Ø 19.0mm	10N44	10

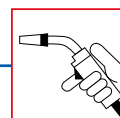
03

Standard ceramic gas lens cup WS9/20

Product nr	Description	Diameter	Ref. nr.	Packing
04.23.00011	Standard ceramic gas lens cup nr. 4.	Ø 6.0mm	53N58	10
04.23.00012	Standard ceramic gas lens cup nr. 5.	Ø 8.0mm	53N59	10
04.23.00013	Standard ceramic gas lens cup nr. 6.	Ø 10.0mm	53N60	10
04.23.00014	Standard ceramic gas lens cup nr. 7.	Ø 11.0mm	53N61	10
04.23.00015	Standard ceramic gas lens cup nr.10.	Ø 12.5mm	53N61-S	10

Standard ceramic gas lens cup WS17/18/26

Product nr	Description	Diameter	Ref. nr.	Packing
04.23.10011	Standard ceramic gas lens cup nr. 4.	Ø 6.0mm	54N18	10
04.23.10012	Standard ceramic gas lens cup nr. 5.	Ø 8.0mm	54N17	10
04.23.10013	Standard ceramic gas lens cup nr. 6.	Ø 10.0mm	54N16	10
04.23.10014	Standard ceramic gas lens cup nr. 7.	Ø 11.0mm	54N15	10
04.23.10015	Standard ceramic gas lens cup nr. 8.	Ø 12.5mm	54N14	10
04.23.10016	Standard ceramic gas lens cup nr. 12.	Ø 19.5mm	54N19	10



Standard collet WS9/20

Product nr	Description	Diameter	Ref. nr.	Packing
04.23.00103	Standard collet	Ø 1.6mm.	13N22	10
04.23.00105	Standard collet	Ø 2.4mm.	13N23	10
04.23.00106	Standard collet	Ø 3.2mm.	13N24	10

Standard collet WS17/18/26

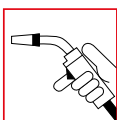
Product nr	Description	Diameter	Ref. nr.	Packing
04.23.10102	Standard collet	Ø 1.0mm	10N22	10
04.23.10103	Standard collet	Ø 1.6mm	10N23	10
04.23.10105	Standard collet	Ø 2.4mm	10N24	10
04.23.10106	Standard collet	Ø 3.2mm	10N25	10

Standard collet body WS9/20

Product nr	Description	Diameter	Ref. nr.	Packing
04.23.00203	Standard collet body	Ø 1.6mm	13N27	10
03.23.00205	Standard collet body	Ø 2.4mm	13N28	10
04.23.00206	Standard collet body	Ø 3.2mm	13N29	10

Standard collet body WS17/18/26

Product nr	Description	Diameter	Ref. nr.	Packing
04.23.10203	Standard collet body	Ø 1.6mm	10N31	10
04.23.10204	Standard collet body	Ø 2.0mm	10N31M	10
04.23.10205	Standard collet body	Ø 2.4mm	10N32	10
04.23.10206	Standard collet body	Ø 3.2mm	10N28	10



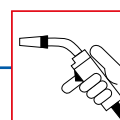
Gas lens body WS9/20

Product nr	Description	Diameter	Ref. nr.	Packing
04.23.00313	Gas lens body	Ø 1.6mm	45V43	10
04.23.00315	Gas lens body	Ø 2.4mm	45V44	10
03.23.00316	Gas lens body	Ø 3.2mm	45V45	10

03

Gas lens body WS17/18/26

Product nr	Description	Diameter	Ref. nr.	Packing
04.23.10313	Gas lens body	Ø 1.6mm	45V25	10
04.23.10314	Gas lens body	Ø 2.0mm	45V25M	10
04.23.10315	Gas lens body	Ø 2.4mm	45V26	10
04.23.10316	Gas lens body	Ø 3.2mm	45V27	10
04.23.10317	Gas lens body	Ø 4.0mm	45V28	10



Torch back cap WS9/20

Product nr	Description	Ref. nr.	Packing
04.23.50001	Back cap long.	41V24	10
04.23.50002	Back cap short.	41V33	10
04.23.50003	Back cap medium.	41V35	10

Torch back cap WS17/18/26

Product nr	Description	Ref. nr.	Packing
04.23.50101	Torch back cap long	57Y02	10
04.23.50102	Torch back cap short	57Y04	10

Insulator torch ring WS9/20

Product nr	Description	Ref. nr.	Packing
04.23.80001	Insulator torch ring.	598882	10

Insulator torch ring WS17/18/26

Product nr	Description	Ref. nr.	Packing
04.23.80101	Insulator torch ring.	18CG	10

Insulator gas lens WS9-20

Product nr	Description	Ref. nr.	Packing
04.23.80002	Insulator gas lens.	53N66	10

Insulator gas lens WS17/18/26

Product nr	Description	Ref. nr.	Packing
04.23.80103	Insulator gas lens.	54N01	10

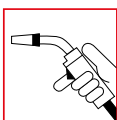


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GOUGING PRODUCTS AND CARBON ELECTRODES

06



Flair 600 gouging torch



The Flair gouging torch is a high quality gouging torch made of sturdy high quality components. The airflow can be regulated on the torch. The adjustable nozzle and the use of high quality materials ensure optimal electric safety and efficiency and maximum airflow.

The Flair torch is easy to use and for many purposes due to the combination with the Flair mono cable. The mono cable can be mounted easily to the Flair torch and the power source.

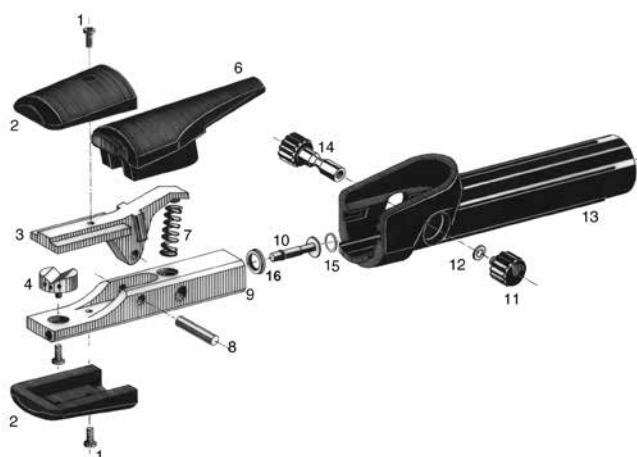
- Recommended air pressure is 7 bar.
- 600 Amp at duty cycle 60%

All spare parts are available individually.

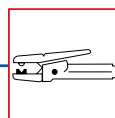
06

Product nr	Description	Ampère	Max. electrode	Packing
06.01.80600	Flair 600.	600	10 mm (3/8")	1

Flair 600 spare parts



Product nr	Description	Draw nr	Packing
06.06.80626	Insulation cap.	2	2
06.06.80628	Screw MRX 4 x 10 mm Flair.	1	10
06.06.80606	Lever insulation.	6	1
06.06.80622	Push-button and link.	14	1
06.06.80630	Handle.	13	1
06.03.08323	Push-button.	11	1
06.03.08341	Safety ring.	12	10
06.04.08901	Copper sealing ring for Flair monocable and gouging torch.	15	1
06.06.80637	Valve.	10	1
06.03.08334	Valve seat.	16	1
06.06.80620	Hinge pin.	8	1
01.11.09001	Spring Flair.	7	1
06.06.80612	Body.	9	1
06.03.08355	Injection nozzle C-10, for round and flat electrodes, 10 mm.	4	1
06.03.08251	Injection nozzle, complete with taptite MRX M4 x 6 (01.11.09407).	4	1
06.03.08356	Injection nozzle C15.	3	1
06.06.80600	Brass lever.	3	1



Flair 1600 gouging torch



The Flair gouging torch is a high quality gouging torch made of sturdy high quality components. The airflow can be regulated on the torch. The adjustable nozzle and the use of high quality materials ensure optimal electric safety and efficiency and maximum airflow.

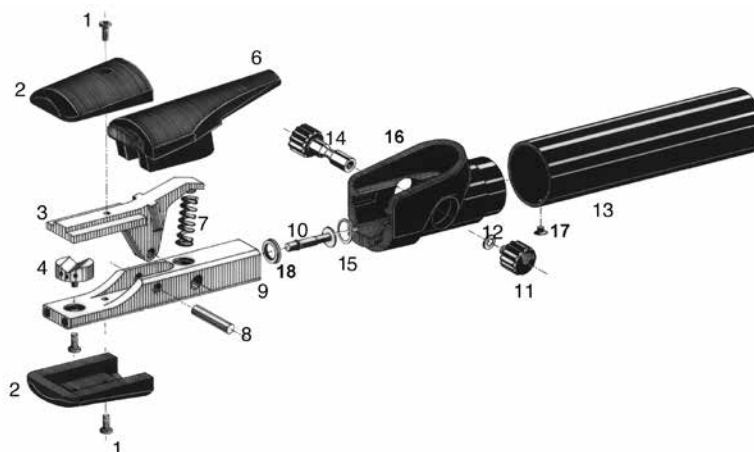
The Flair torch is easy to use and for many purposes due to the combination with the Flair monocable. The monocable can be mounted easily to the Flair torch and the power source.

- Recommended air pressure is 7 bar.
- 1600 Amp at duty cycle 60%

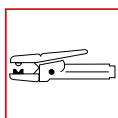
All spare parts are available individually.

Product nr	Description	Ampère	Max. electrode	Packing
06.01.81600	Flair 1600.	1600	19 mm (3/4")	1

Flair 1600 spare parts



Product nr	Description	Draw nr	Packing
06.06.80626	Insulation cap.	2	2
06.06.80628	Screw MRX 4 x 10 mm.	1	10
06.06.80606	Lever insulation.	6	1
06.06.80622	Push-button and link.	14	1
06.06.81630	Handle gouging torch Flair 1600.	13/16/17	10
06.39.08533	Nylon screw M6 x 8.	17	10
06.03.08323	Push-button	11	1
06.03.08341	Safety ring.	12	10
06.04.08901	Copper sealing ring.	15	1
06.06.80637	Valve.	10	1
06.03.08334	Valve seat.	18	1
06.06.80620	Hinge pin.	8	1
06.06.81624	Spring.	7	1
06.06.81612	Body.	9	1
06.03.08550	Injection nozzle 3-gats complete with tapite MRX M4 x 6 (01.11.09407).	4	1
06.03.08356	Injection nozzle C-15, for round and flat electrodes, 15 mm.	4	1
06.03.08357	Injection nozzle C-20, for round and flat electrodes, 20 mm.	4	1
06.06.81600	Lever.	3	1



GOUGING PRODUCTS AND CARBON ELECTRODES

Flair 600/1600 monocables

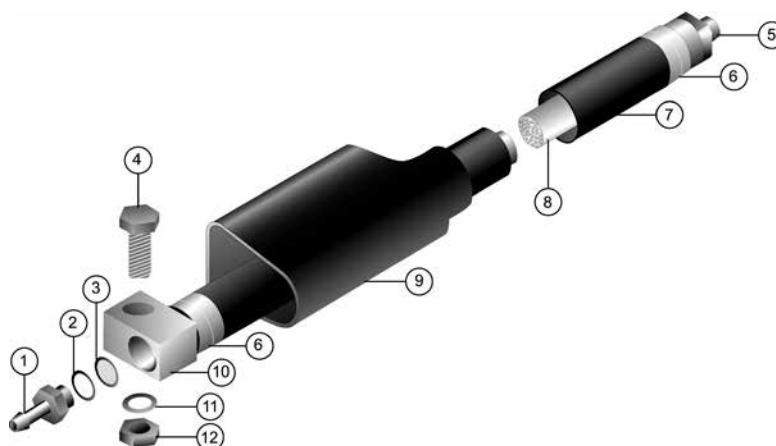


Gouging with the support of a monocable is a very efficient and handy way to operate. Both the power and the air are guided through one cable, which allows the gouger to work. The monocable is available for the Flair 600 and Flair 1600.

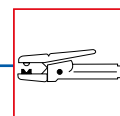
All spare parts are available individually.

Product nr	Description	Length	Packing
06.02.80601	Monocable 35mm ² gouging torch Flair 600.	2.35 meter	1
06.02.81601	Monocable 95mm ² gouging torch Flair 1600.	2.35 meter	1
06.02.81602	Monocable 95mm ² gouging torch Flair 1600, with stopper.	2.35 meter	1

Flair 600/1600 monocable spare parts



Product nr	Description	Draw nr	Packing
06.04.08905	Airhose inlet Flair 600/1600.	1	1
06.04.08902	Sieve Flair 600/1600.	3	1
06.04.08901	Copper sealing ring Flair 600/1600.	2	1
06.04.08910	Bolt M10 x 25, for monocable Flair 600.	12	1
06.04.08911	Bolt M10 x 40, for monocable Flair 1600.	12	1
06.04.08912	Nut M10, for monocable Flair 600 / 1600.	4	1
06.04.08613	Swivel hose connection, torch side, Flair 600.	5	1
06.04.08731	Swivel hose connection, torch side, Flair 1600.	5	1
06.04.08732	Swivel connection, torch side, with stop, Flair 1600.	5	1
06.04.08622	Hose bushing, short Flair 600.	6	1
06.04.08716	Hose clamp (hose gouging torch Flair 1600).	6	1
06.04.08600	Hose monocable Flair 600, per meter.	7	1
06.04.08700	Hose monocable Flair 1600, per meter.	7	1
06.04.08610	Copper cable, 2.5 meter, Flair 600.	8	1
06.04.08810	Copper cable, 2.5 meter, Flair 1600.	8	1
06.04.08620	Rubber sleeve, Flair 600.	9	1
06.04.08720	Rubber sleeve, Flair 1600.	9	1
06.04.08624	Hose coupling, machine side Flair 600.	10	1
06.39.08715	Hose coupling, machine side, Flair 1600.	10	1
06.04.08907	Washer, Flair 600/1600.	11	10



GOUGING PRODUCTS AND CARBON ELECTRODES

Complete sets of mono cables and Flair gouging torches



Complete sets allow you to start gouging immediately and saves the costs of putting the set together.

Total length 2,5 m.

Product nr	Description	Packing
06.05.83010	Set gouging torch Flair 600 and monocable (mounted).	1/5
06.05.86004	Set gouging torch Flair 1600 and monocable (mounted).	1/5

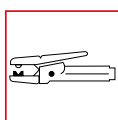
Goug-Arc direct current (DC) pointed gouging electrodes



Gouging electrodes are made of carbon and have a copper coating. The gouging electrodes are available in a variety of shapes and diameters to meet the various applications.

Power source 380 V, DC; compactness 1.57;
max. humidity < 0.4%.

Product nr	Sizes	Ampère	Packing
06.40.16010	5/32" x 12" (4 x 305 mm).	150-200	100/1000
06.40.16025	3/16" x 12" (5 x 305 mm).	200-250	100/1000
06.40.16030	1/4" x 12" (6.3 x 305mm).	250-300	50/500
06.40.16040	5/16" x 12" (8 x 305 mm).	350-400	50/500
06.40.16050	3/8" x 12" (10 x 305 mm).	400-450	50/500
06.40.16060	1/2" x 12" (13 x 305 mm).	600-700	50/200
06.40.16065	1/2" x 14" (13 x 355 mm).	600-700	50/200



GOUGING PRODUCTS AND CARBON ELECTRODES

Goug-Arc direct current (DC) jointed gouging electrodes



Gouging electrodes are made of carbon and have a copper coating. The gouging electrodes are available in a variety of shapes and diameters to meet the various applications.

For intensive applications jointed electrodes are available. These can be put into each other to increase the duty cycle.

Power source 380 V, DC; compactness 1.57;
max. humidity < 0.4%.

Product nr	Size	Ampère	Packing
06.40.17010	5/16" x 14" (8 x 355 mm).	450	50/200
06.40.17020	3/8" x 14" (10 x 355 mm).	500	50/200
06.40.17030	7/16" x 14" (11 x 355 mm).	600	50/200
06.40.17040	1/2" x 14" (13 x 355 mm).	750	50/200
06.40.17055	5/8" x 14" (15 x 355 mm).	1000	50/100
06.40.17060	3/4" x 14" (19 x 355 mm).	1300	50/100
06.40.18010	3/8" x 17" (10 x 430 mm).	550	50/200
06.40.18020	1/2" x 17" (13 x 430 mm).	750	25/200
06.40.18030	5/8" x 17" (16 x 430 mm).	1000	25/100
06.40.18040	3/4" x 17" (19 x 430 mm).	1300	25/100

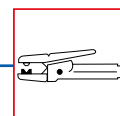
Goug-Arc direct current (DC) flat gouging electrodes



Gouging electrodes are made of carbon and have a copper coating. The gouging electrodes are available in a variety of shapes and diameters to meet the various applications.

Power source 380 V, DC; compactness 1.57;
max. humidity < 0.4%.

Product nr	Size	Ampère	Packing
06.40.16085	5 x 15 x 305 mm.	350-400	50/300



Complete thermal lance holder



Complete thermal lance holder.

Consists of:

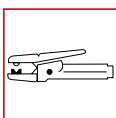
- Thermal lance holder for 7 and 10mm lances.
- 7 mm clamp bush and clamp bush holder.
- Hand-held buffer with a 3 metre cable.
- 5 metre oxygen hose.
- 3 metre starter cable.

Product nr	Description	Packing
06.60.00010	Complete thermal lance holder	1
06.60.00100	Accessory set 10mm complete assembled	1
06.60.00060	Collet 7 mm	1
06.60.00070	Collet retainer 7 mm	1
06.60.00065	Collet 10 mm	1
06.60.00075	Collet retainer 10 mm	1
06.60.00080	Rubber O ring (washer)	1
06.60.00085	Flashback arrestor	1
06.60.00090	Protection shield metal Ø10 cm	1
06.60.00050	Striker handle with cable and battery clamp	1
06.60.00055	Strike handle assembly	1
06.60.00105	Oxygen extension hose 5 meter 3/8"R	1
06.60.00115	Oxygen extension hose 5 meter 1/4"R	1

Thermal lance electrodes



Product nr	Description	Dimensions	Packing
06.60.00120	Thermal lance electrodes, box 25 pcs.	7.0x559 mm	1/25
06.60.00130	Thermal lance electrodes, box 25 pcs.	7.0x1118 mm	1/25
06.60.00150	Thermal lance electrodes, box 25 pcs.	10x914 mm	1/25



GOUGING PRODUCTS AND CARBON ELECTRODES

17mm thermal lance holder



Suitable for 17mm lances.

Comes with a ball valve and flashback arrestor.

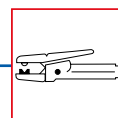
In the event that the thermal lance no longer fits into the holder properly, the oxygen supply will switch off automatically.

Product nr	Size	Dimensions	Packing
06.60.00200	Thermal lance holder	17mm	1
06.60.00201	Nylon sealing ring	17mm	1
06.60.00202	Conical ring	17mm	1
06.60.00203	Viton sealing rings	17mm	1

Thermal lance electrodes

Product nr	Size	Dimensions	Packing
06.60.00170	Thermal lance electrodes interconnectable, per piece.	17mm x 2000mm	10
06.60.00165	Thermal lance electrodes, per piece.	17mm x 2000mm	10
06.60.00155	Thermal lance electrodes, per piece.	17mm x 3000mm	10
06.60.00160	Thermal lance electrodes interconnectable, per piece.	17mm x 3000mm	10

06



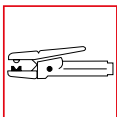


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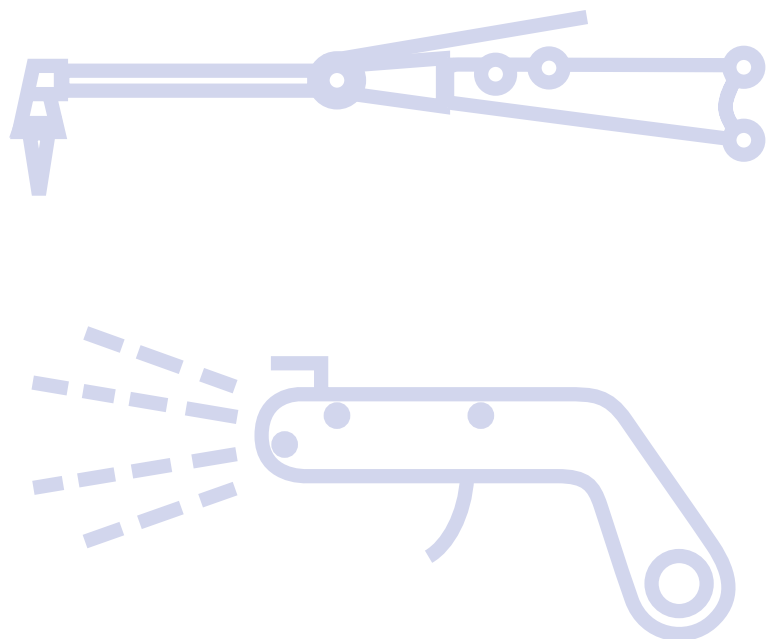
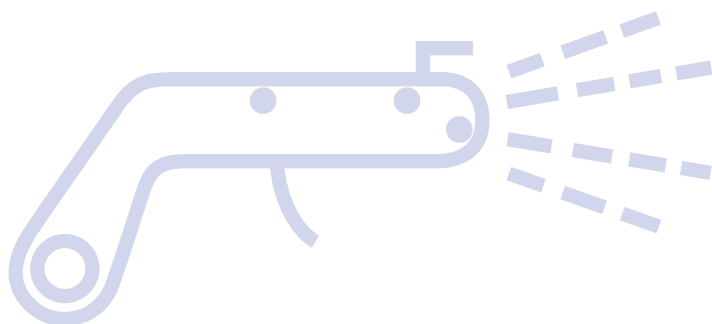
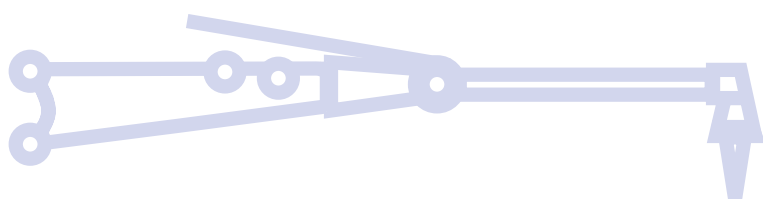


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AUTOGENOUS WELDING PRODUCTS

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AUTOGENOUS WELDING PRODUCTS

Optiweld Smooth-Cutter



Manual Smooth-Cutter, length 500 mm, complete with 2 hose connection stems (6 and 9.5 mm) and 2 hose connection nuts (3/8" left and right).

For acetylene, propane and tetrene. The mixing in the nozzle guarantees a long lifetime and optimal security of the smooth cutter.

Other lengths and configurations available on request.

EN ISO 5172

Product nr	Description	Packing
08.60.00025	Optiweld Smooth-Cutter 90°, 500 mm.	1/1
08.60.00525	Optiweld Smooth-Cutter 105°, 900 mm.	1/1

Optiweld Smooth-cutter spare parts



Repair kit for replacing the oxygen or gas.

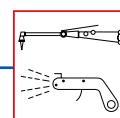
Product nr	Description	Packing
08.61.00505	Optiweld nut	1/10
08.61.00510	Needle valve manual Smooth-Cutter, for gas.	1/10
08.61.00520	Needle valve manual Smooth-Cutter, for oxygen.	1/10

Optiweld cutting tips Acethylene ANME

Cutting tips Acethylene ANME.



Product nr	Description	Packing
08.47.25100	3-10 mm.	1/10
08.47.25110	10-25 mm.	1/10
08.47.25120	25-75 mm.	1/10
08.47.25130	75-125 mm.	1/10
08.47.25140	100-200 mm.	1/10
08.47.25150	200-300 mm.	1/10



Optiweld cutting tips Propane PNME 9-L

Cutting tips propane PNME 9-L.

Cutting tips for propane utilization. Outer piece chromed copper. Brass inner piece with 9 splines.



08

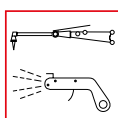
Product nr	Description	Packing
08.47.30219	3-10 mm.	1/10
08.47.30220	10-25 mm.	1/10
08.47.30221	25-75 mm.	1/10
08.47.30222	75-125 mm.	1/10
08.47.30223	125-175 mm.	1/10
08.47.30225	250-300 mm.	1/10

Hercules reducing valves liter

High quality reducing valves ensure a steady pressure. Reproduction in liter-min.



Product nr	Description	L/min	Packing
08.51.58505	Reducing valve Argon M70.	0-32	1/1
08.51.58515	Reducing valve Purge gas M70.	0-32	1/1
08.51.58525	Reducing valve CO2 M70.	0-32	1/1
08.51.58540	Reducing valve Argon	0-30	1/1



AUTOGENOUS WELDING PRODUCTS

Hercules reducing valves Bar

High quality reducing valves ensure a steady pressure.



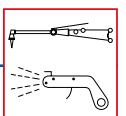
Product nr	Description	Bar	Packing
08.51.58590	Reducing valve. CO2 M70.	0 - 10	1/1
08.51.58605	Reducing valve. Acetylene M70.	0 - 1,5	1/1
08.51.58700	Reducing valve. Oxygen M70.	0 - 10	1/1

Manometer cover

Rubber sealing ring protects the manometer.



Product nr	Description	Packing
08.51.58410	Manometer cover, blue, Ø63.	1/10
08.51.58411	Manometer cover, red, Ø63.	1/10
08.51.58412	Manometer cover, grey, Ø63.	1/10
08.51.58413	Manometer cover, green, Ø63.	1/10



Witt Flashback arrestors Type RF 53N



WITT RF Flashback arrestors for reliable protection against reverse gas flow and flashbacks.

- A large surface area flame arrestor FA of stainless steel construction extinguishes any dangerous flashback entering the device in any direction.
- A temperature sensitive cut-off valve TV extinguishes sustained flashbacks long before the internal temperature of the arrestors reaches a dangerous level.
- A spring loaded non-return valve NV prevents slow or sudden reverse gas flow from forming explosive mixtures in the gas supply.
- A filter at the gas inlet protects the arrestor against dirt contamination, extending the service life.

EN 730 / ISO 5175-1

Product nr	Description	Packing
08.51.58630	Flasback arrestor acetylene 3/8" L.	1/10
08.51.58631	Flasback arrestor oxygen 1/4" R.	1/10
08.51.58632	Flasback arrestor oxygen 3/8"R.	1/10

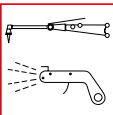
CAV NKDT quick connector



Ibada-compatible quick connector.

Complete with connecting tulle.

Product nr	Description	Packing
08.48.06050	Quick connector gas 3/8"L inw., 6/8 mm.	1/5
08.48.06051	Quick connector oxygen 1/4"R inw., 6 mm.	1/5
08.48.06052	Quick connector oxygen 3/8"R inw., 6 mm.	1/5



AUTOGENOUS WELDING PRODUCTS

Soudaflex oxygen hose



Oxygen hose, ribbed, colour blue.

Operating pressure 20 bar, inner diameter 6.3 mm, thickness 3.5 mm.

ISO 3821

Product nr	Description	Inner diameter	Outer diameter	Packing
08.40.24000	Oxygen hose blue	6.3 mm	13.3 mm	50
08.40.24025	Oxygen hose blue	8 mm	15 mm	100

Soudaflex autogenous hose



Autogenous hose, ribbed, colour red.

Operating pressure 20 bar, inner diameter 6.3 or 9.0 mm, thickness 3.5 mm.

ISO 3821

Product nr	Description	Inner diameter	Outer diameter	Packing
08.40.24001	Autogenous hose red	9.0 mm	16 mm	50
08.40.24020	Autogenous hose red	6.3 mm	13.3 mm	100
08.40.24026	Autogenous hose red	8 mm	15 mm	100

Soudaflex propane hose



Propane hose, smooth, colour orange.

Operating pressure 20 bar, inner diameter 8 mm, thickness 3.5 mm.

ISO 3821

Product nr	Description	Inner diameter	Outer diameter	Packing
08.40.24003	Propane hose	8 mm	15 mm	50

Soudaflex twin hose



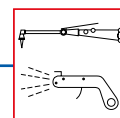
Twin hose, smooth, colour blue/red.

Operating pressure 20 bar, inner diameter blue 6.3 mm, red 9.5 mm. Thickness blue 5.0 mm, red 3.5 mm.

Also available as a set of 20 meter, with cap nuts and double nipples.

ISO 3821

Product nr	Description	Inner red	Inner blue	Outer red-blue	Packing
08.40.24004	1/4 x 1/4 (6.3 x 6.3 mm).	6.3 mm	6.3 mm	13 mm	50
08.40.24005	1/4 x 3/8 (6.3 x 9.5 mm).	9.5 mm	6.3 mm	16 mm	50
08.40.24006	3/8 x 3/8 (9.5 x 9.5 mm).	9.5 mm	9.5 mm	16 mm	40



AUTOGENOUS WELDING PRODUCTS

Twin hose set



Twin hose, smooth, colour blue/red.

Operating pressure 20 bar, inner diameter blue 6.3 mm, red 9.5 mm. Thickness blue 5.0 mm, red 3.5 mm.

Available as a set of 20 meter, with cap nuts and double nipples.

ISO 3821

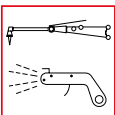
Product nr	Description	Packing
08.40.00001	1/4 x 1/4 (6.3 x 6.3 mm), set of 20 meter.	1/1
08.40.00002	3/8 x 3/8 (9.5 x 9.5 mm), set of 20 meter.	1/1

Compressed air hose, transparent PVC



Compressed air hose, transparent PVC with operating pressure 16 bar, thickness 3.0 mm.

Product nr	Description	Packing
08.40.24110	8 x 14 mm.	50
08.40.24112	6 x 12 mm.	50
08.40.24114	10 x 16 mm.	50



AUTOGENOUS WELDING PRODUCTS

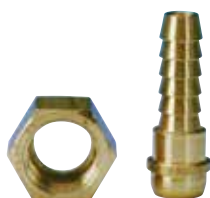
Hose connectors



Durable hose connectors.

Product nr	Description	Packing
08.42.24200	Hose connectors oxygen 6 x 72 mm.	1/10
08.42.24201	Hose connectors gas 8 x 72 mm.	1/10
08.42.24220	Hose connectors 11 x 72 mm.	1/10
08.42.24240	Hose connectors 16 x 72 mm.	1/10
08.42.24250	Hose connectors 20 x 92 mm.	1/10

Connection nuts and stems



Connection nuts and hose stems for reducing valves and handles.

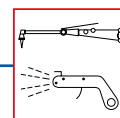
Product nr	Description	Packing
08.48.58048	Connection nut acetylene 3/8" L.	1/5
08.48.58050	Connection nut 3/8" R.	1/5
08.48.58111	Hose connection stem 1/4" x 6 mm.	1/10
08.48.58112	Hose connection stem 3/8" x 6 mm.	1/10
08.48.58113	Hose connection stem 3/8" x 8 mm.	1/10
08.51.58650	Set connection nut 3/8" R with oxygen hose connector 6 mm Ø.	1/10

Double hose clamps



Double hose clamps, made of impact-resistant plastic or metal.

Product nr	Description	Picture	Diameter	Packing
08.41.24300	Synthetic double hose clamp, impact resistant quality.	1	16 mm	1/100
08.41.24310	Metal double hose clamp.	2	16 mm	1/100/300
08.41.24320	Metal double hose clamp, flat.	3	16 mm	1/1000



YDS hose clamp type W2



Robust worm hose clamp in several sizes. Material: RVS 430 with a screw of electrolytically galvanized steel.

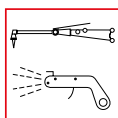
Product nr	Description	Packing
08.41.24008	YDS worm drive hose clamp 8-12mm x 9mm.	100
08.41.24011	YDS worm drive hose clamp 10-16mm x 9mm.	100
08.41.24013	YDS worm drive hose clamp 12-20mm x 9mm.	100
08.41.24015	YDS worm drive hose clamp 16-25mm x 12mm.	100
08.41.24019	YDS worm drive hose clamp 20-32mm x 12mm.	100
08.41.24022	YDS worm drive hose clamp 25-40mm x 12mm.	100
08.41.24026	YDS worm drive hose clamp 32-50mm x 12mm.	100
08.41.24032	YDS worm drive hose clamp 40-60mm x 12mm.	100
08.41.24038	YDS worm drive hose clamp 50-70mm x 12mm.	100
08.41.24044	YDS worm drive hose clamp 60-80mm x 12mm.	100
08.41.24051	YDS worm drive hose clamp 70-90mm x 12mm.	50
08.41.24058	YDS worm drive hose clamp 80-100mm x 12mm.	50
08.41.24068	YDS worm drive hose clamp 90-110mm x 12mm.	50
08.41.24077	YDS worm drive hose clamp 100-120mm x 12mm.	50
08.41.24087	YDS worm drive hose clamp 110-130mm x 12mm.	50
08.41.24104	YDS worm drive hose clamp 120-140mm x 12mm.	50

YDS hose clamp type W4



Robust worm hose clamp in several sizes. Material: complete stainless steel RVS 304.

Product nr	Description	Packing
08.41.23008	YDS worm drive hose clamp 8-12mm x 9mm.	100
08.41.23010	YDS worm drive hose clamp 10-16mm x 9mm.	100
08.41.23012	YDS worm drive hose clamp 12-20mm x 9mm.	100
08.41.23016	YDS worm drive hose clamp 16-25mm x 12mm.	100
08.41.23020	YDS worm drive hose clamp 20-32mm x 12mm.	100
08.41.23025	YDS worm drive hose clamp 25-40mm x 12mm.	100
08.41.23032	YDS worm drive hose clamp 32-50mm x 12mm.	100
08.41.23040	YDS worm drive hose clamp 40-60mm x 12mm.	100
08.41.23050	YDS worm drive hose clamp 50-70mm x 12mm.	100
08.41.23060	YDS worm drive hose clamp 60-80mm x 12mm.	100
08.41.23070	YDS worm drive hose clamp 70-90mm x 12mm.	50
08.41.23080	YDS worm drive hose clamp 80-100mm x 12mm.	50
08.41.23090	YDS worm drive hose clamp 90-110mm x 12mm.	50
08.41.23100	YDS worm drive hose clamp 100-120mm x 12mm.	50
08.41.23110	YDS worm drive hose clamp 110-130mm x 12mm.	50
08.41.23120	YDS worm drive hose clamp 120-140mm x 12mm.	50



AUTOGENOUS WELDING PRODUCTS

Shurlite USA flint lighter



The Shurlite lighter is a patented American quality product. The product is reliable, userfriendly and economical in use. The heavy duty spring, large cup, extra large file and special flints result in an optimal lighting of your torch.

Flints, made of high quality steel, minimum of 2000 sparks.

Product nr	Description	Packing
08.44.24500	Lighter Shurlite USA.	1/10/100
08.44.24510	Flints for lighter, 5 pieces in plastic holder.	200

Weldsafe cup lighter



Round cup lighter. Can be used for less intensive applications.

Product nr	Description	Packing
08.44.24505	Lighter circular type, 3mm.	1/200
08.44.24515	Flints for circular lighter, diameter 3 mm.	25/500

Shurlite Triple flint lighter



Triple flint is a high quality cup lighter with 3 flints, which allows for 3 times the time of usage. A simple rotation puts the next flint in place, which optimizes the use of the triple flint.

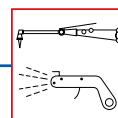
Product nr	Description	Packing
08.44.24600	Triple flint lighter.	1/100
08.44.24610	Flints for Triple flint lighter.	1/1000

Pistol type lighter



Pistol type lighter made of heavy galvanized plate, both parts have been riveted together, which results in a solid quality. The heavy spring guarantees optimal ignition.

Product nr	Description	Packing
08.44.24550	Pistol type lighter.	40
08.44.24551	Flints for pistol type lighter.	100



AUTOGENOUS WELDING PRODUCTS

Wypo Tip cleaners



Wypo tip cleaners are made of high quality alloys which allow for extended usage. The stainless steel flip-up case protects the cleaners against damage.

Product nr	Description	Packing
08.45.24600	Standard set (13 ribbed piercers and file).	10/100
08.45.24610	Super set (22 ribbed piercers and file).	10/100
08.45.24620	Standard set (13 smooth piercers and file).	10/100

Steel tank wrench

Tank wrench for gas and oxygen bottles.



Product nr	Description	Packing
08.46.25000	Steel wrench key.	1/10/100
08.46.25000	Steel wrench key. Cylinder sleutel 3 in 1, T - model	1/10

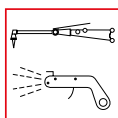


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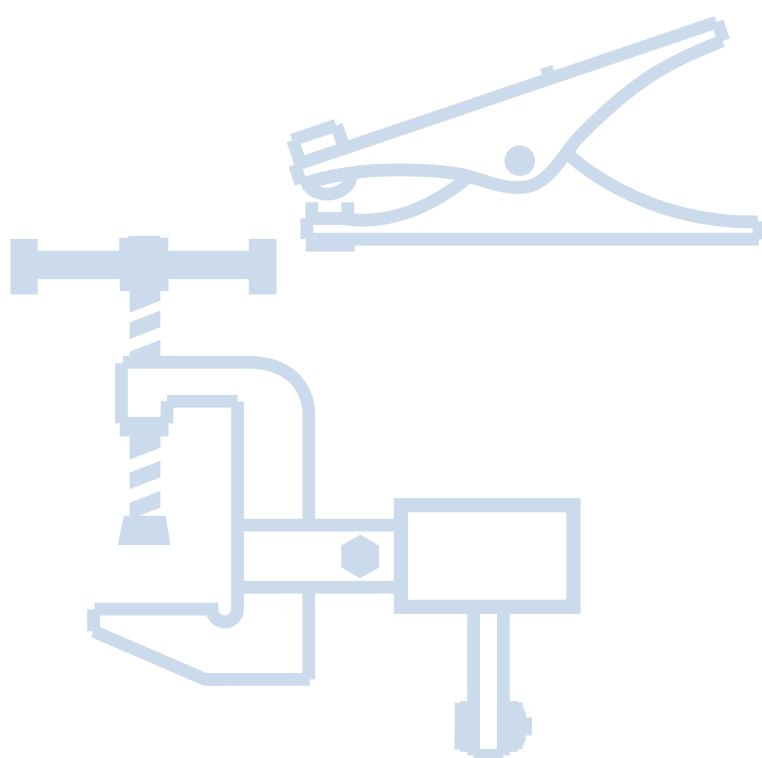
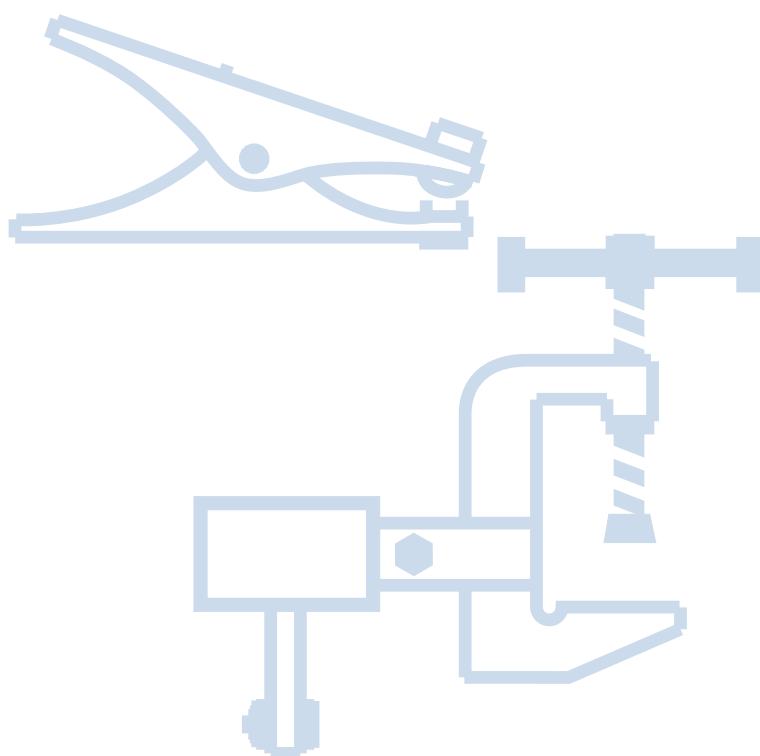


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EARTH CLAMPS

Vlamboog earth clamps screw model A1



Robust earth clamp A-1, screw-on type made of high quality raw materials and components. Excellent cable connection and high quality yellow copper result in an efficient use of power.

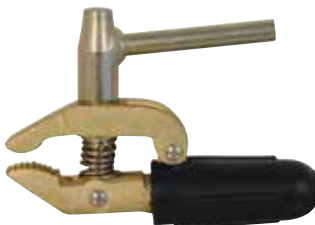
EN 60974-13

Product nr	Description	Ampère	Jaw width	Cable	Packing
11.01.55100	A-1, with rubber.	600	42mm	35 - 95 mm ²	1/10
11.01.55101	A-1, without rubber.	600	42mm	35 - 95 mm ²	1/10
11.01.55300	A-M18 x1,5, with rubber.	600	42mm	35 - 95 mm ²	1/10
11.01.55301	A-M18 x1,5, without rubber.	600	42mm	35 - 95 mm ²	1/10

Earth clamps A1 spare parts

Product nr	Description	Packing
11.39.05502	Bottom jaw earthclamp A-1.	1
11.02.05503	Bottom jaw earthclamp A-1, M18 x 1.5.	1
11.02.05520	Top jaw earthclamp A-1.	1
11.02.05521	Lever earthclamp A-1.	1
11.02.05522	Pin short earthclamp A-1.	10
11.02.05523	Pin long earthclamp A-1.	10
11.02.05524	Eye-nut earthclamp A-1.	1
11.02.05525	Spring earthclamp A-1.	10
11.02.05526	Washer earthclamp A-1.	10
11.02.05527	Rubber sleeve earthclamp A-1.	1
01.11.09403	Allen key 6 mm.	10

Earth clamps screw-on type



Heavy Duty earth clamp, made of yellow copper (body) and galvanized steel. Insulated cable connection by means of rubber handle. With allen screw connection.

EN 60974-13

Product nr	Description	Ampère	Jaw width	Packing
11.41.55500	Earthclamp	600	30mm	1/25

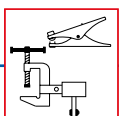
Earth clamp screwmodel G-600 (type Myking)



The parallel jaws enable an efficient clamping. Clamping force material and connection ensure an optimal current transfer. With allen screw connection.

EN 60974-13

Product nr	Description	Ampère	Jaw width	Packing
11.42.30600	Type G-600.	600	30mm	1/25



EARTH CLAMPS

Earth clamp screwmodel Extreme Duty



C-clamp for extreme applications till 800 ampère. With allen screw connection.

Retail packaging.

EN 60974-13

Product nr	Description	Ampère	Jaw width	Packing
11.05.03500	Extreme Duty.	500	60mm	1/20
11.05.03800	Extreme Duty.	800	85mm	1/20

Earth clamp magnetic



Heavy magnetic earth clamp, magnetic on 3 sides. Insulated cable connection by means of plastic handle. With allen key cable connection.

EN 60974-13

Product nr	Description	Ampère	Packing
11.40.10495	Magnetic earth clamp.	200	1/50
11.40.10500	Magnetic earth clamp.	400	1/30
11.40.10505	Magnetic earth clamp.	600	1/15

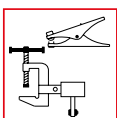
Weldsafe Earth clamp spring type EL



Simple, useful crocodile type earth clamp, yellow copper contacts. With standard wire, heavy clamp spring, jaw opening 55 mm. Galvanized covers and M10/M12 wire-end for cable lug connection.

EN 60974-13

Product nr	Description	Ampère	Wire-end	Packing
11.42.10550	Weldsafe EL 200, with standard wire.	200	M10	1/100
11.42.10553	Weldsafe EL 400, with standard wire.	400	M12	1/50
11.42.10555	Weldsafe EL 600, with standard wire.	600	M12	1/50



EARTH CLAMPS

Earth clamp spring type FIX



Robust high quality crocodile-type earth clamp with optimal clamping force.

EN 60974-13

Product nr	Description	Ampère	Packing
11.42.10534	FIX 200.	400	1
11.42.10535	FIX 400.	400	1
11.42.10536	FIX 600.	600	1

Earth clamp spring Jackson



World-famous robust high quality earth clamp Jackson. Optimal clamping force, material and cable connection guarantee perfect current power transfer.

EN 60974-13

Product nr	Description	Ampère	Packing
11.42.20614	Jackson, model GC-3-300.	300	1/24
11.42.20617	Jackson, model GC-5-500.	500	1/12

Earth clamp spring as type Jackson



Robust high quality earth clamp as Jackson type. Optimal clamping force, material and cable connection guarantee perfect current power transfer.

EN 60974-13

Product nr	Description	Ampère	Packing
11.42.20615	Model GC-3-300.	300	1/30
11.42.20616	Model GC-5-500.	500	1/20

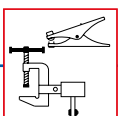
Earth clamp spring type N



The curved shape of this N-type earth clamp ensures optimal contact with the workpiece. By means of connection of the standard wire onto the clamp the cable can be connected. Both factors guarantee an optimal current transfer. It has an opening 70 mm.

EN 60974-13

Product nr	Description	Ampère	Packing
11.05.06200	Type N.	250	1/40
11.05.06300	Type N.	350	1/40
11.05.06400	Type N.	500	1/40
11.05.06500	Type N.	600	1/40



EARTH CLAMPS

Earth clamp spring type with insulation



This spring type earth clamp has an insulating coating. Colour black. The coating reduces the danger of voltage. The contact parts are not insulated.

Retail packaging.

EN 60974-13

Product nr	Description	Ampère	Packing
11.42.10552	Crocodile.	200	1/40
11.42.10554	Crocodile.	400	1/40
11.42.10556	Crocodile.	600	1/40

Strong Hand Ground Hog clamp



High clamping pressure improves arc stability and reduces power consumption.

- Prevents current restriction and allows complete current transfer.
- Controls the electrical current by isolating the contact surface and the cable connection.
- Get a smooth, continuous arc with no fade, and no heat transfer while improving cable life, and reducing power consumption.

The Ground Hog™ Clamps GP951

- Rated at 530 AMPS @ 60% duty cycle (with 3/0 cable)
- The groove design on the copperhead seals out weld spatter and reduces particle buildup.
- Side screw provides a secure cable connection.
- Ground Hog body rotates for cable positioning.

Product nr	Description	Ampère	Throat Depth	Max. Capacity	Packing
11.49.02850	Fast tress earth clamp. Clamp pressure 180kg. With v-path XFV.	500	90 mm	64 mm	1

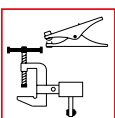
Battery clamps



Battery clamps can be used in combination with battery cables.

Retail packaging.

Product nr	Description	Ampère	Packing
11.05.07200	Set battery clamps red/black.	200	1/100
11.05.07600	Set battery clamps red/black.	600	1/50
11.05.07640	Set battery clamps 2x red / 2x black.	200	1/1



EARTH CLAMPS

Nies rotating current transmission elements NKK



The robust Nies NKK rotating earth clamp is used in various industries where the workpiece is moving on for instance a rotating table. The optimal cable connection and choice of materials ensure a perfect current transfer.

Product nr	Description	Ampère	Nies nr	Packing
11.45.10550	NKK 400.	400	05.00.00	1
11.45.10551	NKK 600.	600	06.00.00	1
11.45.10552	NKK 800.	800	07.00.00	1
11.45.10553	NKK 1200.	1200	08.00.00	1
11.45.10554	NKK 2000.	2000	09.00.00	1

Nies rotating current transmission elements NKK KS



The robust Nies NKK KS rotating earth clamp is used in the boiler making industry and when welding pipes. The screw clamp facilitates the mounting of the earthclamp. The optimal cable connection and materials ensure a perfect current transfer.

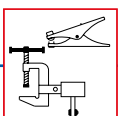
Product nr	Description	Ampère	Nies nr	Packing
11.45.10561	NKK KS 600.	600	22.00.00	1

Nies connection clamp K-2



For applications in combination with the NKK 800 or NKK 1200.

Product nr	Description	Nies nr	Packing
11.45.10580	K-2.	27.00.00	1
11.45.10584	G800 cable connector.	28.00.00	1



EARTH CLAMPS

Nies connection clamp PZ



For applications in combination with the NKK 400, 600, 800, 1200 or 2000.

Product nr	Description	Nies nr	Packing
11.45.10581	PZ-1, for applications in combination with the NKK 400 or NKK 600.	29.00.00	1
11.45.10582	PZ-2, for applications in combination with the NKK 800, 1200 or 2000.	30.00.00	1
11.45.10583	PZ-3, for applications in combination with the NKK 800, 1200 or 2000.	31.00.00	1

Nies rotating magnetic earth clamps



Strong magnetic and rotating earth clamp. Applied on for instance large drums and reactors which are welded on a roller bench.

Product nr	Description	Ampere	Nies nr.	Packing
11.45.10564	HKK 600	600	23.00.00	1

Nies rotating current transmission elements



SH power connectors for connections to axes, by means of a conical connector.

Product nr	Description	Ampere	Nies nr.	Packing
11.45.10575	SH-440.	400	16.00.00	1
11.45.10576	SH-650.	600	17.00.00	1
11.45.10577	SH-860.	800	18.00.00	1
11.45.10578	SH-1270.	1200	19.00.00	1
11.45.10579	SH-2070.	2000	20.00.00	1

Grease gun and grease for Nies rotating earth clamps



The specially developed grease ensures the optimal power transfer on the moving parts.

Product nr	Description	Nies nr	Packing
11.45.10590	Grease gun, without grease.	40.00.01	1
11.45.10591	P34 special grease, tin of 0.5 kg.	40.00.00	1
11.45.41000	Grease holder type ET 140, electronic controlled, with grease.	41.00.00	1

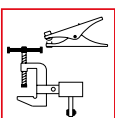


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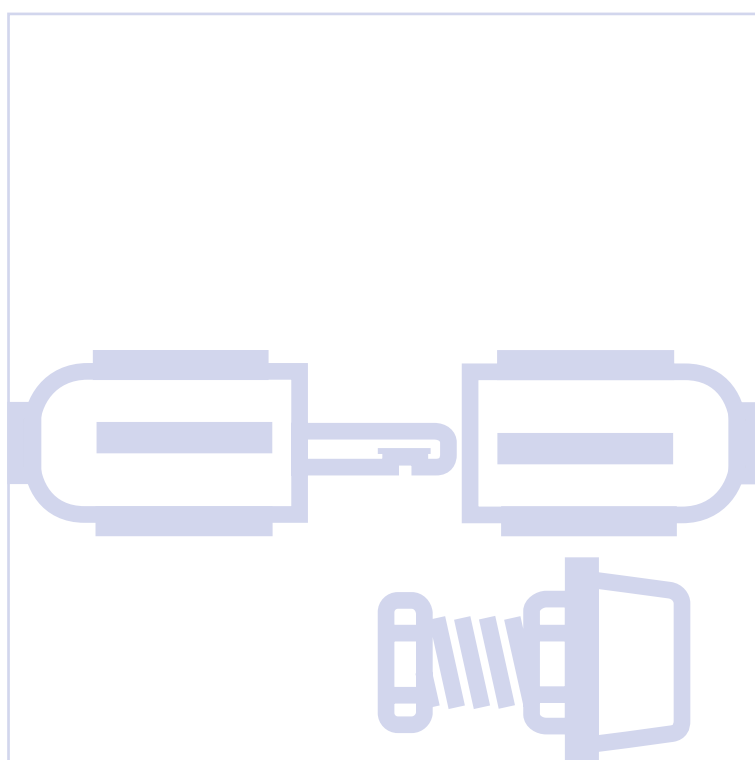
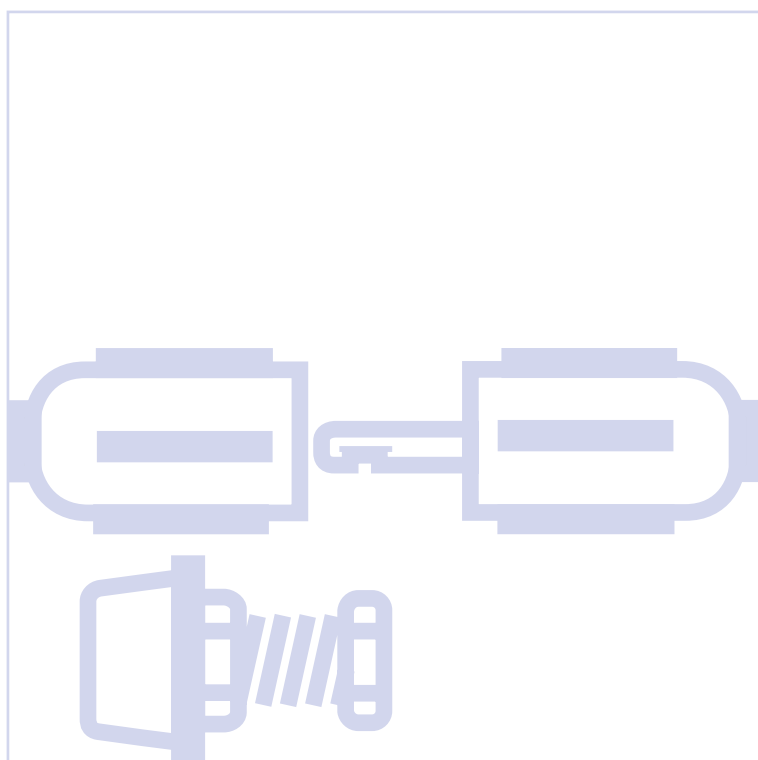


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WELDING CABLE CONNECTORS

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WELDING CABLE CONNECTORS

Vlamboog VL-1 cable connectors complete



Bayonet cable connector in robust version, simple and easy to assemble, with optimal safety as the brass parts are fully protected by rubber sleeves. Maximum amperage is 500 amps. Longlasting because of high quality materials and finish.

Available with one cable screw or with wire connection for application in combination with clamping sleeve or coupling nut and cone (see productgroup 13 or 17).

EN 60974-12

Product nr	Description	Connection	Cable	Packing
13.01.66100	VL-1.	1 Cable screw	35-95 mm ²	1/10
13.01.66300	VL-M18 x 1.5.	M18 x 1.5	35-95 mm ²	1/10

Vlamboog VL-1 cable connector plug with rubber



Bayonet cable connector plug in robust version, simple and easy to assemble, with optimal safety as the brass parts are fully protected by rubber sleeves. Maximum amperage is 500 amps. Longlasting because of high quality materials and finish.

EN 60974-12

Product nr	Description	Connection	Packing
13.01.66105	VL-1, cable connector plug.	1 Cable screw	1/10

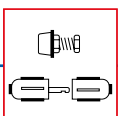
Vlamboog VL-1 cable connector socket with rubber



Bayonet cable connector socket in robust version, simple and easy to assemble, with optimal safety as the brass parts are fully protected by rubber sleeves. Maximum amperage is 500 amps. Longlasting because of high quality materials and finish.

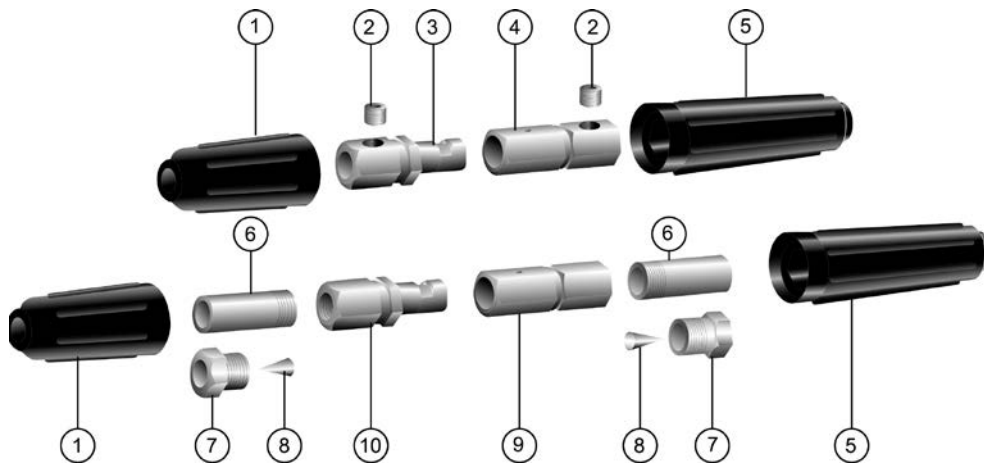
EN 60974-12

Product nr	Description	Connection	Packing
13.01.66110	VL-1, cable connector socket.	1 Cable screw	1/10



WELDING CABLE CONNECTORS

Vlamboog connector VL-1 spare parts



Product nr	Description	Connection	Cable	Draw nr	Packing
13.02.06700	Rubber for plug VL-1			1	1
01.11.09404	Cable screw 9/16 UNF.			2	10
13.02.06610	Plug VL-1, with cable screw.		35-95 mm ²	3	1
13.02.06611	Socket VL-1, with cable screw.		35-95 mm ²	4	1
13.02.06701	Rubber for socket VL-1			5	1
17.01.07021	Clamp	M18 x 1.5	35 mm ²	6	1/25
17.01.07022	Clamp	3/8"	35 mm ²	6	1/25
17.01.07023	Clamp	M18 x 1.5	50 mm ²	6	1/25
17.01.07024	Clamp	3/8"	50 mm ²	6	1/25
17.01.07025	Clamp	M18 x 1.5	70 mm ²	6	1/25
17.01.07026	Clamp	3/8"	70 mm ²	6	1/25
17.01.07007	Clamp	M18 x 1.5	95 mm ²	6	1/25
17.01.07008	Clamp	M19 x 1.5	95 mm ²	6	1/25
17.02.07102	Sleeve	3/8"	35 mm ²	7	1/25
17.02.07103	Sleeve	M18 x 1.5	50 mm ²	7	1/25
17.02.07104	Sleeve	3/8"	50 mm ²	7	1/25
17.02.07105	Sleeve	M18 x 1.5	70 mm ²	7	1/25
17.02.07106	Sleeve	3/8"	70 mm ²	7	1/25
17.02.07107	Sleeve	M19 x 1.5	95 mm ²	7	1/25
17.02.07209	Cone 9 mm Ø.				1/20
13.02.06631	Socket VL, thread connection.	M18 x 1.5	35-95 mm ²	9	1
13.02.06630	Plug VL, thread connection.	M18 x 1.5	35-95 mm ²	10	1

Vlamboog VL-5 cable connectors complete

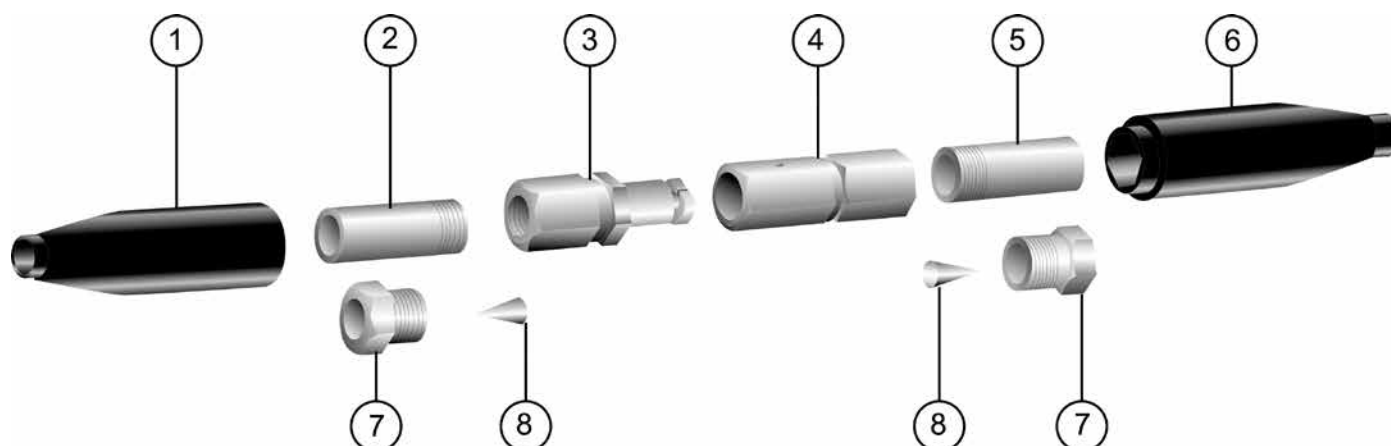


Bayonet cable connector in robust version, simple and easy to assemble, with optimal safety as the brass parts are fully protected by rubber sleeves. Maximum amperage is 500 amps. Longlasting because of high quality materials and finish.

Product nr	Description	Connection	Cable	Packing
13.01.66550	VL-5.	M18 x 1.5	35-95 mm ²	1/10

WELDING CABLE CONNECTORS

Vlamboog connector VL-5 spare parts



Product nr	Description	Connection	Cable	Draw nr	Packing
13.02.06706	Rubber for plug VL-5			1	1/1000
13.02.06707	Rubber for socket VL-5			6	1
17.01.07021	Clamp	M18 x 1.5	35 mm ²	6	1/25
17.01.07022	Clamp	3/8"	35 mm ²	2+5	1/25
17.01.07023	Clamp	M18 x 1.5	50 mm ²	6	1/25
17.01.07024	Clamp	3/8"	50 mm ²	2+5	1/25
17.01.07025	Clamp	M18 x 1.5	70 mm ²	2+5	1/25
17.01.07026	Clamp	3/8"	70 mm ²	70 mm ²	1/25
17.01.07007	Clamp	M18 x 1.5	95 mm ²	6	1/25
17.01.07008	Clamp	M19 x 1.5	95 mm ²	6	1/25
13.02.06655	Plug for cable connector VL-5-I	M18 x 1.5	35-95 mm ²	3	1
13.02.06656	Socket for cable connector VL-5-I	M18 x 1.5	35-95 mm ²	4	1
17.02.07102	Sleeve	3/8"	35 mm ²	7	1/25
17.02.07103	Sleeve	M18 x 1.5	50 mm ²	7	1/25
17.02.07104	Sleeve	3/8"	50 mm ²	7	1/25
17.02.07105	Sleeve	M18 x 1.5	70 mm ²	7	1/25
17.02.07106	Sleeve	3/8"	70 mm ²		1/25
17.02.07107	Sleeve	M19 x 1.5	95 mm ²	7	1/25
17.02.07209	Cone 9 mm Ø.			8	10/100

Morelisse cable connectors complete



Morelisse cable connector. Full copper pin and screw connection ensure optimal power transfer. Ideal to connect longer lengths of cable.

Available with cable connection 3/8" for 35, 50 and 70 mm².

EN 60974-12

Product nr	Description	Cable	Packing
13.40.11003	Morelisse 3/8".	35 mm ²	1/10
13.40.11005	Morelisse 3/8".	50 mm ²	1/10
13.40.11007	Morelisse 3/8".	70 mm ²	1/10

WELDING CABLE CONNECTORS

Morelisse cable connector with rubber/ plugs



Morelisse cable connectors with copper pin and screw connection ensure optimal power transfer. Thread connection for sleeve and cone. Ideal to connect cable extensions.

EN 60974-12

Product nr	Description	Connection	Cable	Packing
13.40.11015	Morelisse pen.	3/8"	35 mm ²	1/10
13.40.11016	Morelisse pen.	3/8"	50 mm ²	1/10
13.40.11017	Morelisse pen.	3/8"	70 mm ²	1/10

Morelisse cable connectors with rubber/ sockets



Morelisse cable connectors with copper pin and screw connection ensure optimal power transfer. Thread connection for sleeve and cone. Ideal to connect cable extensions.

EN 60974-12

Product nr	Description	Connection	Cable	Packing
13.40.11025	Morelisse bus.	3/8"	35 mm ²	1/10
13.40.11026	Morelisse bus.	3/8"	50 mm ²	1/10
13.40.11027	Morelisse bus.	3/8"	70 mm ²	1/10

Morelisse cable connectors spare parts: sockets and plugs



Cable connector complete with screw connector. Loose plug and socket parts without rubbers and without cones/sleeves.

Product nr	Description	Connection	Cable	Packing
13.40.11029	Plug B.	3/8"	35-70 mm ²	1
13.40.11032	Plug B.	M19 x 1.5	95 mm ²	1
13.40.11031	Socket A.	3/8"	35-70 mm ²	1
13.40.11033	Socket A.	M19 x 1.5	95 mm ²	1

Morelisse cable connectors spare parts: rubbers



Loose rubbers for Morelisse cable connectors.

EN 60974-12

Product nr	Description	Packing
13.40.11041	Rubber for plug, black.	1
13.40.11042	Rubber for socket, red.	1

WELDING CABLE CONNECTORS

Sleeves



The cone sleeve connection is an efficient cable connection. The sleeve size varies with the diameter of the cable.

The copper wire is led through the sleeve and then the cone is numbered into the wire into the cone.

Product nr	Description	Connection	Packing
17.02.07102	Sleeves 3/8"	35 mm ²	1/25
17.02.07104	Sleeves 3/8"	50 mm ²	1/25
17.02.07106	Sleeves 3/8"	70 mm ²	1/25
17.02.07107	Sleeves M19 x 1.5	95 mm ²	1/25

Cone



The cone is used together with a sleeve as a cable connector.

Product nr	Description	Packing
17.02.07209	9 mm Ø.	1/20



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WELDING CABLE CONNECTORS

Dinse cable connectors/plugs



Original Dinse bayonet connector in robust version. Simple and easy to assemble and gives optimal safety as the brass parts are protected by rubber sleeves. With cable screw connection.

EN 60974-12

Product nr	Description	Cable	Pen	Packing
13.41.11100	Plug complete SKM-25.	10-25 mm ²	9mm	1/10
13.41.11110	Plug complete SK-25.	16-35 mm ²	13mm	1/10
13.41.11120	Plug complete SK-50.	35-50 mm ²	13mm	1/10
13.41.11130	Plug complete SK-70.	50-70 mm ²	13mm	1/10
13.41.11134	Plug complete SKK-70.	50-70 mm ²	13mm	1/10
13.41.11140	Plug complete SKK-95.	70-95 mm ²	13mm	1/10
13.41.11150	Plug complete SKS-95.	70-95 mm ²	15mm	1/10
13.41.11160	Plug complete SKS-120.	95-120 mm ²	15mm	1/10

Dinse cable connectors/sockets



Original Dinse bayonet connector in robust version. Simple and easy to assemble and gives optimal safety as the brass parts are protected by rubber sleeves. With cable screw connection.

EN 60974-12

Product nr	Description	Cable	Pen	Packing
13.41.11101	Socket complete BKM-25.	10-25 mm ²	9mm	1/10
13.41.11111	Socket complete BK-25.	16-35 mm ²	13mm	1/10
13.41.11121	Socket complete BK-50.	35-50 mm ²	13mm	1/10
13.41.11131	Socket complete BK-70.	50-70 mm ²	13mm	1/10
13.41.11135	Socket complete BKK-70.	50-70 mm ²	13mm	1/10
13.41.11141	Socket complete BKK-95.	70-95 mm ²	13mm	1/10
13.41.11151	Socket complete BKS-95.	70-95 mm ²	15mm	1/10
13.41.11161	Socket complete BKS-120.	95-120 mm ²	15mm	1/10

Dinse two-way connectors



Original Dinse to-way connector. Simple and easy to connect cables.

EN 60974-12

Product nr	Description	Picture	Cable	Pen	Packing
13.41.11190	Dinse two-way connector KAB.	1	70-95 mm ²	15mm	1/5
13.41.11191	Dinse two-way connector KAS.	2	70-95 mm ²	15mm	1/5

WELDING CABLE CONNECTORS

Weldsafe cable connectors/plugs



Bayonet cable connector in robust version, simple and easy to assemble, with optimal safety as the brass parts are fully protected by rubber sleeves. Maximum amperage is 500 amps. Longlasting because of high quality materials and finish.

Display package.

EN 60974-12

Product nr	Description	Type	Cable	Pen	Packing
13.45.10251	Plug.	SKM25	10-25 mm ²	9mm	1/10
13.45.10251	Plug.	SKM25	10-25 mm ²	13mm	1/10
13.45.35501	Plug.	SK50	35-50 mm ²	13mm	1/10
13.45.50701	Plug.	SK70	50-70 mm ²	13mm	1/10
13.45.70951	Plug.	SKK95	70-95 mm ²	13mm	1/10
13.45.95121	Plug	SKS	95-120 mm ²	15mm	1/10

Weldsafe cable connectors/sockets



Bayonet cable connector in robust version, simple and easy to assemble, with optimal safety as the brass parts are fully protected by rubber sleeves. Maximum amperage is 500 amps. Longlasting because of high quality materials and finish.

EN 60974-12

Product nr	Description	Type	Cable	Pen	Packing
13.45.10250	Socket	BKM-25.	10-25 mm ²	9mm	1/10
13.45.10250	Socket	BKM-25.	10-25 mm ²	13mm	1/10
13.45.35500	Socket	BK-50.	35-50 mm ²	13mm	1/10
13.45.50700	Socket	BK-70.	50-70 mm ²	13mm	1/10
13.45.70950	Socket	BKK-95.	70-95 mm ²	13mm	1/10
13.45.95120	Socket	BKS	95/120 mm ²	15mm	1/10

Dinse clamps



Cable connectors ensure optimal power transfer in a coupling, electrode holder of earth clamp.

Product nr	Description	Lenght	Cable	Packing
13.41.11200	Dinse clamp	18mm	10-25 mm ²	10/100
13.41.11201	Dinse clamp	25mm	35-50 mm ²	10/100
13.41.11202	Dinse clamp	25mm	50-70 mm ²	10/100
13.41.11203	Dinse clamp	25mm	70-95 mm ²	10/100
13.41.11204	Dinse clamp	40mm	95-120 mm ²	10/100
13.41.11205	Dinse clamp	40mm	50-70 mm ²	10/100
13.41.11206	Dinse clamp	40mm	70-95 mm ²	10/100

WELDING CABLE CONNECTORS

Myking cable connectors



Myking cable connector, suitable for cable Ø of 35-70 mm².

EN 60974-12

Product nr	Description	Packing
13.80.03570	Cable connector set plug/socket.	1/25
13.80.03571	Cable connector plug.	1/25

Vlamboog built-in connectors



Female part for built-in connector with bayonet connection, 500 amps. Can only be used in combination with the VL-5 coupling.

EN 60974-12

Product nr	Description	Packing
13.01.66951	Vlamboog machine side cable connector, VL-5.	1/50
13.01.66985	Vlamboog machine side cable connector, VL-1.	1/100

Dinse built-in connectors: plugs



Bayonet connector in robust version, simple and secure, easy to mount, optimal safety as brass parts are totally protected by the rubber sleeves.

EN-IEC-60974-12

Product nr	Description	Packing
13.41.11180	Dinse built-in connector SEM 25.	1/10
13.41.11184	Dinse built-in connector SE 50-70.	1/10
13.41.11186	Dinse built-in connector SES 95-120.	1/10
13.41.11189	Dinse built-in connector BEK 70-95.	1/10

WELDING CABLE CONNECTORS

Dinse built-in connectors: sockets



Bayonet connector in robust version, simple and secure, easy to mount, optimal safety as brass parts are totally protected by the rubber sleeves.

EN-IEC-60974-12

Product nr	Description	Packing
13.41.11181	Dinse built-in connector BEM 25.	1/10
13.41.11182	Dinse built-in connector BE 50-70.	1/10
13.41.11183	Dinse built-in connector BEK 50-70.	1/10
13.41.11185	Dinse built-in connector BE 70-95.	1/10
13.41.11187	Dinse built-in connector BES 95-120.	1/10
13.41.11189	Dinse built-in connector SE 70-95.	1/10

Morelisse built-in connectors



Built-in connector with screw connection, to be used only with Morelisse cable connectors.

Product nr	Description	Packing
13.40.11010	Morelisse cable connector machine side.	1

Weldsafe-Dix built-in connectors

Weldsafe built-in connector, available in 3 sizes.

EN 60974-12



Product nr	Description	Cable	Packing
13.60.01025	Socket.	10-25 mm ²	1/10
13.60.03550	Socket.	35-50 mm ²	1/100
13.60.07095	Socket.	70-95 mm ²	1/100

Dinse-Morelisse adapter

Adapter for Dinse built-in connector to Morelisse cable connector.

EN 60974-12



Product nr	Description	Packing
13.01.70800	Adapter Dinse-Morelisse.	1

WELDING CABLE CONNECTORS

Dinse-Vlamboog adapter



Adapter for Dinse built-in connector to Vlamboog cable connectors VL-1, VL-3/8" and VL-M18 x 1.5.

EN 60974-12

Product nr	Description	Packing
13.01.70300	Adaptor Dinse-Vlamboog.	1

Dinse-Dinse adapter



Adapter for Dinse 9 mm to Dinse 13 mm for large connectors on small machines.

EN 60974-12

Product nr	Description	Packing
13.01.70400	Adapter from pin thickness 13 mm to 9 mm.	1/100

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CABLE

Weldsafe neoprene welding cable HO1N2-D



Weldsafe neoprene welding cable with black neoprene sheath with copper wire, 0.20 mm Ø. As per guideline 22.6S2. Type HO1N2-D.

For quantities from 500 meter up, the price is calculated on request based on the existing valid copper price. Deviating colours and customized imprint are available on request with a minimum quantity of 3000 meter per diameter.

Product nr	Description	Packing	Length	Packing p/m
16.40.17016	16 qmm.	Reel	500m	500
16.40.17017	16 qmm.	Roll	100m	100
16.40.17018	16 qmm.	Roll	50m	50
16.40.17025	25 qmm.	Reel	500m	500
16.40.17026	25 qmm.	Roll	100m	100
16.40.17027	25 qmm.	Roll	50m	50
16.40.17035	35 qmm.	Reel	500m	500
16.40.17036	35 qmm.	Roll	100m	100
16.40.17037	35 qmm.	Roll	50m	50
16.40.17038	35 qmm.	Roll	25m	25
16.40.17050	50 qmm.	Reel	500m	500
16.40.17052	50 qmm.	Roll	50m	50
16.40.17053	50 qmm.	Roll	25m	25
16.40.17070	70 qmm.	Reel	500m	500
16.40.17072	70 qmm.	Roll	50m	50
16.40.17073	70 qmm.	Roll	25m	25
16.40.17095	95 qmm.	Reel	300m	300
16.40.17096	95 qmm.	Roll	50m	50
16.40.17097	95 qmm.	Roll	25m	25
16.40.17120	120 qmm.	Reel	300m	300
16.40.17121	120 qmm.	Roll	25m	25

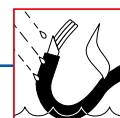
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Tenax ultra flexible welding cable HO1N2-E



Superflex welding cable, blue neoprene sheath, extra-thin (0.12 mm Ø) copper wire. As per guideline 22.6S2. Type HO1N2-E.

Product nr	Description	Packing	Length	Packing p/m
16.41.37850	50 qmm.	Reel	500m	500
16.41.37851	50 qmm.	Roll	50m	50



CABLE

SSTK ultra flexible cable



Ultra flexible cable SSTK, rubber sheath with copper wire 0,07 mm Ø.

Standard length is 3 meter.

Other lengths on request with a max of 12 m.

Product nr	Description	Length	Packing p/m
16.41.47933	35 qmm. Yellow	3m	3
16.41.47953	50 qmm. Red	3m	3
16.41.47973	70 qmm. Blue	3m	3

H07RN-F connection cable



Connection cable H07RN-F. As per guideline 22.4 with polychloroprene sheath.

Prices are based on the HPL and are adjusted to the valid HPL prices when the copper course changes.

Product nr	Description	Packing	Length	Packing
16.50.18002	2 x 1.5 qmm.	Roll	100m	100
16.50.18023	4 x 2.5 qmm.	Roll	100m	100
16.50.18025	4 x 6 qmm.	Roll	50m	50



CABLE

Douflex connection cable



Douflex connection cable with double sheath, orange E.V.C. outer-sheath and white hypalon inner-sheath, copper wire, 0.30 mm Ø.

Other diameters and lengths on request.

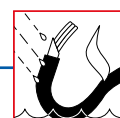
Product nr	Description	Packing	Length	Packing
16.41.28026	25 qmm.	Roll	100m	100
16.41.28027	25 qmm.	Roll	50m	50
16.41.28036	35 qmm.	Roll	100m	100
16.41.28037	35 qmm.	Roll	50m	50
16.41.28051	50 qmm.	Roll	100m	100
16.41.28052	50 qmm.	Roll	500m	50
16.41.28072	70 qmm.	Roll	50m	50
16.41.28073	70 qmm.	Roll	25m	25

Cable hook



For a safe working environment it is essential that cables are not creating hazards on the floor. With the cable support hook the cables can be neatly and safely by put together in the air.

Product nr	Description	Packing
16.35.00100	Cable hook deluxe.	1/1



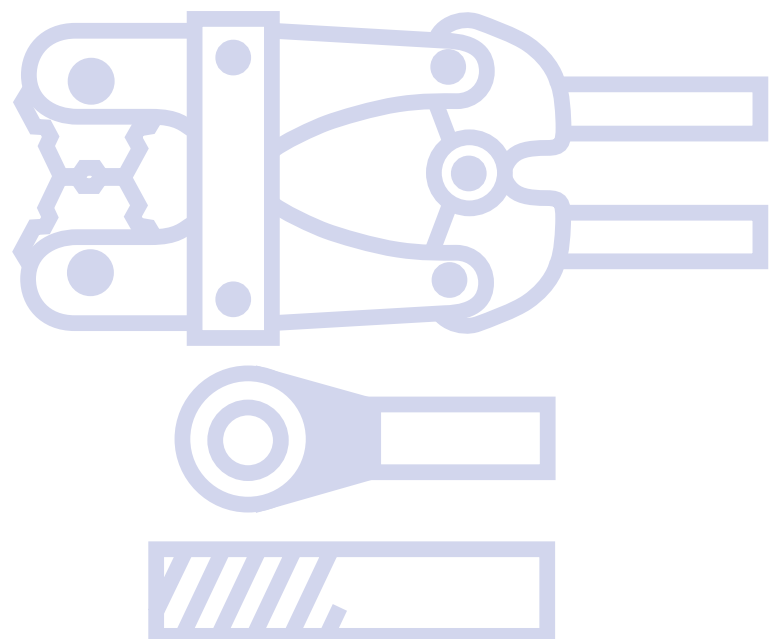


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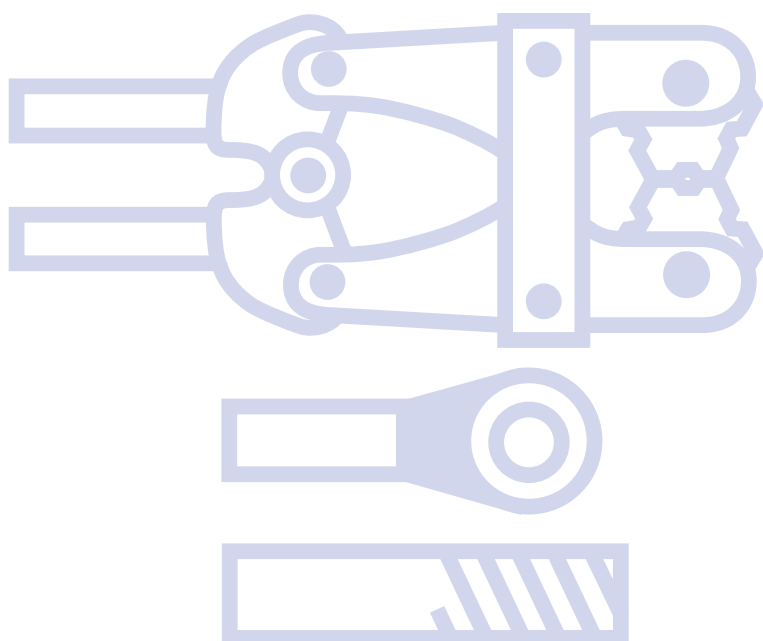


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CABLE CONNECTORS

Clamps



The copper clamp connection is the most efficient connection for continuous processes. It requires minimal maintenance and reduces the development of heat.

The clamp is put at the end on the copper wire of the cable and pressed with a plier press. The copper wire has to come through the clamp for about 3/4 mm to ensure optimal conduction.

Product nr	Description	Suitable for:	Packing
17.01.07021	Clamp M18 x 1.5	35 mm ² .	1/25
17.01.07022	Clamp 3/8"	35 mm ² .	1/25
17.01.07023	Clamp M18 x 1.5	50 mm ² .	1/25
17.01.07024	Clamp 3/8"	50 mm ² .	1/25
17.01.07025	Clamp M18 x 1.5	70 mm ² .	1/25
17.01.07026	Clamp 3/8"	70 mm ² .	1/25
17.01.07007	Clamp M18 x 1.5	95 mm ² .	1/25
17.01.07008	Clamp M19 x 1.5	95 mm ² .	1/25

Sleeve



The cone-sleeve connection is an efficient cable connection. The sleeve size varies with the diameter of the cable.

The copper wire is led through the sleeve and then the cone is numbered into the wire into the cone.

Product nr	Description	Suitable for:	Packing
17.02.07102	3/8"	35 mm ² .	1/25
17.02.07103	M18 x 1.5	50 mm ² .	1/25
17.02.07104	3/8"	50 mm ² .	1/25
17.02.07105	M18 x 1.5	70 mm ² .	1/25
17.02.07106	3/8"	70 mm ² .	1/25
17.02.07107	M19 x 1.5	95 mm ² .	1/25

Cone



The cone is used together with a sleeve as a cable connector.

Product nr	Description	Packing
17.02.07209	9 mm Ø.	10/20

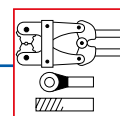
Copper plate



Copper plate for connecting welding cable in combination with 1 or 2 allen screws.

The copper plate is folded around the copper wire to improve the conduction and life time of the cable.

Product nr	Description	Dimensions	Packing
17.02.07201	Copper plate	19 x 55 x 0,6 mm	1/100



CABLE CONNECTORS

Cable connectors



Cable connectors for the optimal connection and repair of cables. Made of tinned copper and available in various sizes to fit all cable diameters.

Product nr	Description	Cable	Dimensions	Packing
17.03.13025	Connector 24R.	25 mm ² .	Ø 7 x 40 mm	1/100
17.03.13035	Connector 25R.	35 mm ² .	Ø 8.5 x 45 mm	1/100
17.03.13050	Connector 26R.	50 mm ² .	Ø 10 x 50 mm	1/100
17.03.13070	Connector 27R.	70 mm ² .	Ø 12 x 55 mm	1/100
17.03.13095	Connector 28R.	95 mm ² .	Ø 13.5 x 60 mm	1/50

Tape



Selfvulcanising tape VB-23 on a 10 meter roll, width 19 mm. VB-23 insulation tape is indelible, ozone and water resistant and has a heavy vulcanized back. Applicable from -40°C to +90°C.

Product nr	Description	Packing
17.40.12000	Insulation tape VB-23 on roll.	1/1

Shrinking hose

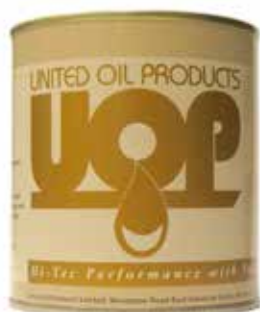


Shrinking hose VB-6, black with adhesive layer, diameter is 25 mm, shrinks to a minimum of 8 mm.

The shrinking hose is put on the cable connector and then heated. The hose will shrink and form a good electric insulation for the connector.

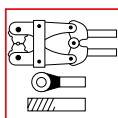
Product nr	Description	Dimensions	Packing
17.40.12120	Shrinking hose VB-6	Ø 25mm x 150 cm.	1/10

Copper grease



Copper grease is a very effective universal anti-corrosion and protective compound in a can of 500 gram. Temperature range - 40 °C up to 1100 °C. Consists of carefully selected pure copper and lead particles in an infusible concrete base grease. It also contains very powerful inhibitions against corrosion and oxidation. The copper and lead particles form a layer, which fills up unevennesses in the surface. This layer does not get hard, it does not melt and it does not break by vibration, shrinkage or expansion. It has a strong permanent adhesion capacity; it cannot be rinsed and protects against rust, oxidation and corrosion.

Product nr	Description	Packing
17.40.12310	UOP Copper grease, can of 500 gram.	1/24



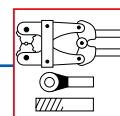
CABLE CONNECTORS

Klauke press-on cable lugs



Press-on cable lugs for an optimal connection. Heavy Duty quality, made of tinned copper.

Product nr	Description	Cabel	Packing
17.42.01006	Klauke press-on cable lug - M6.	10 mm ²	1/100
17.42.01008	Klauke press-on cable lug - M8.	10 mm ²	1/100
17.42.01606	Klauke press-on cable lug - M6.	16 mm ²	1/100
17.42.01608	Klauke press-on cable lug - M8.	16 mm ²	1/100
17.42.01610	Klauke press-on cable lug - M10.	16 mm ²	1/100
17.42.01612	Klauke press-on cable lug - M12.	16 mm ²	1/100
17.42.02506	Klauke press-on cable lug - M6.	25 mm ²	1/100
17.42.02508	Klauke press-on cable lug - M8.	25 mm ²	1/100
17.42.02510	Klauke press-on cable lug - M10.	25 mm ²	1/100
17.42.02512	Klauke press-on cable lug - M12.	25 mm ²	1/100
17.42.03508	Klauke press-on cable lug - M8.	35 mm ²	1/100
17.42.03510	Klauke press-on cable lug - M10.	35 mm ²	1/100
17.42.03512	Klauke press-on cable lug - M12.	35 mm ²	1/100
17.42.05008	Klauke press-on cable lug - M8.	50 mm ²	1/100
17.42.05010	Klauke press-on cable lug - M10.	50 mm ²	1/100
17.42.05012	Klauke press-on cable lug - M12.	50 mm ²	1/100
17.42.07008	Klauke press-on cable lug - M8.	70 mm ²	1/100
17.42.07010	Klauke press-on cable lug - M10.	70 mm ²	1/50
17.42.07012	Klauke press-on cable lug - M12.	70 mm ²	1/50
17.42.07016	Klauke press-on cable lug - M16.	70 mm ²	1/50
17.42.07020	Klauke press-on cable lug - M20.	70 mm ²	1/50
17.42.09510	Klauke press-on cable lug - M10.	95 mm ²	1/50
17.42.09512	Klauke press-on cable lug - M12.	95 mm ²	1/50
17.42.09516	Klauke press-on cable lug - M16.	95 mm ²	1/50
17.42.12010	Klauke press-on cable lug - M10.	120 mm ²	1/50
17.42.12012	Klauke press-on cable lug - M12.	120 mm ²	1/50



CABLE CONNECTORS

Safak press-on cable lugs



Press-on cable lugs for an optimal connection of cable. Heavy Duty quality, made of tinned copper. Other dimensions available on request.

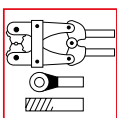
Product nr	Description	Cable	Packing
17.46.01608	Safak press-on cable lug - M8.	16 mm ²	20
17.46.01610	Safak press-on cable lug - M10.	16 mm ²	20
17.46.01612	Safak press-on cable lug - M12.	16 mm ²	20
17.46.02506	Safak press-on cable lug - M6.	25 mm ²	20
17.46.02508	Safak press-on cable lug - M8.	25 mm ²	20
17.46.02510	Safak press-on cable lug - M10.	25 mm ²	20
17.46.02512	Safak press-on cable lug - M12.	25 mm ²	20
17.46.03508	Safak press-on cable lug - M8.	35 mm ²	20
17.46.03510	Safak press-on cable lug - M10.	35 mm ²	20
17.46.03512	Safak press-on cable lug - M12.	35 mm ²	20
17.46.05008	Safak press-on cable lug - M8.	50 mm ²	10
17.46.05010	Safak press-on cable lug - M10.	50 mm ²	10
17.46.05012	Safak press-on cable lug - M12.	50 mm ²	10
17.46.07008	Safak press-on cable lug - M8.	70 mm ²	10
17.46.07010	Safak press-on cable lug - M10.	70 mm ²	10
17.46.07012	Safak press-on cable lug - M12.	70 mm ²	10
17.46.09510	Safak press-on cable lug - M10.	95 mm ²	10
17.46.09512	Safak press-on cable lug - M12.	95 mm ²	10
17.46.09516	Safak press-on cable lug - M16.	95 mm ²	10
17.46.12010	Safak press-on cable lug - M10.	120 mm ²	10

Cable lug, solder-on



Solder-on cable lug, for an optimal connection of welding cable. Made of tinned copper, heavy duty quality.

Product nr	Description	Cable	Packing
17.42.21608	Solder-on cable lug - M8.	16 mm ²	1/100
17.42.22510	Solder-on cable lug - M10.	25 mm ²	1/100
17.42.23510	Solder-on cable lug - M10.	35 mm ²	1/100
17.42.25010	Solder-on cable lug - M10.	50 mm ²	1/100
17.42.27012	Solder-on cable lug - M12.	70 mm ²	1/100



CABLE CONNECTORS

Cable lugs, tight-on



Tight-on cable lug, for the optimal connection of welding cable, made of tinned copper, heavy duty.

Product nr	Description	Cable	Packing
17.42.32512	Tight-on cable lug - M10.	25 mm ²	1/10
17.42.33514	Tight-on cable lug - M12.	35 mm ²	1/10
17.42.35016	Tight-on cable lug - M16.	50 mm ²	1/10
17.42.37019	Tight-on cable lug - M16.	70-95 mm ²	1/5

Cable lug, hammer-on

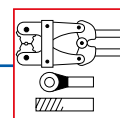


Hammer-on cable lug, for an optimal connection of welding cable, made of tinned copper, heavy duty.

Product nr	Description	Cable	Packing
17.42.37501	Hammer-on cable lug REL 22 - M14	35-70 mm ²	1/10



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CABLE CONNECTORS

Press for copper clamps and cable lugs



Press K-06 for pressing clamps, repair connectors, cable lugs, onto cables with diameter 10 - 120 mm².

Product nr	Description	Range	Packing
17.44.20700	K-06.	10-120mm ²	1/1

Cable cutters



Cable cutters for the fast and easy cutting of welding cable. Available in various sizes. Set of jaws separately available.

Product nr	Description	Max. cable	Max. jaw width	Weight	Packing
17.45.20740	K101/1, type 740, 60 cm.	120 mm ²	24 mm	2.2 kg	1/1

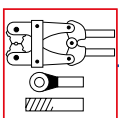


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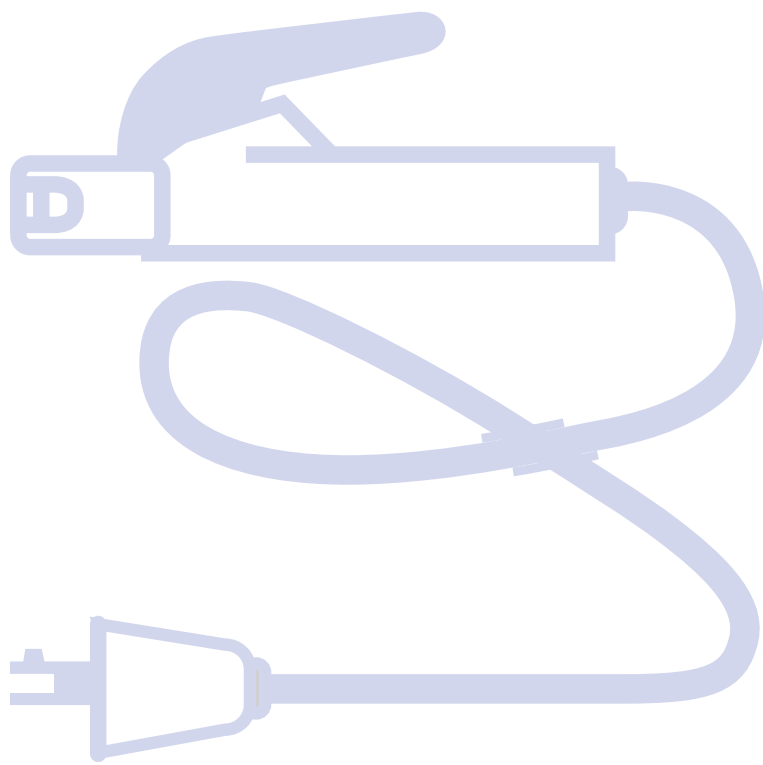
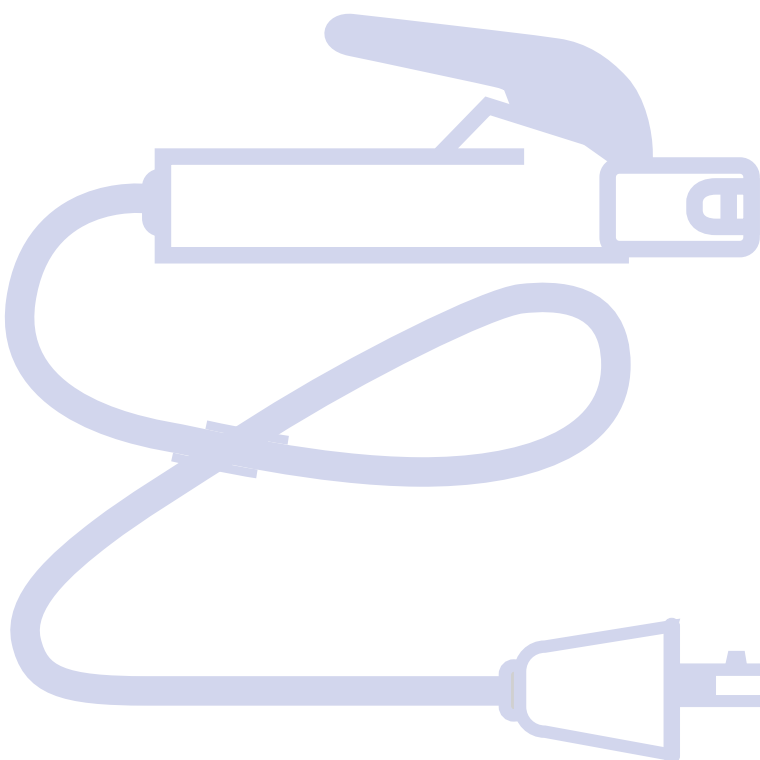


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WELDING CABLE SETS

Welding sets

Create your own welding set!

- Electrode holder cable sets.
- Earth clamp cable sets.
- Extension cable sets.

By choosing your preferred electrode holder or earth clamp in combination with neoprene H01N2D welding cable and the cable connector of your choice, customized sets can be produced that meet your exact needs and wishes.

Private label production is an option.

The sets on these 2 pages are merely a few examples of what we can do for you. Hundreds of other configurations are available on demand.

Optimus 300-1 welding set



Electrode holder Optimus 300-1 welding sets.
Welding cable neoprene HO-1/N2-D.

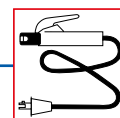
Product nr	Description	Plug	Cable	Length	Packing
18.11.00000	Welding cable set Optimus 300-1.	SK25 - 13mm	16 mm ²	5m.	1/1
18.11.00005	Welding cable set Optimus 300-1.	SK25 - 13mm	25 mm ²	5m.	1/1
18.11.00115	Welding cable set Optimus 300-1.	SK50 - 13mm	50mm ²	10m.	1/1
18.11.00120	Welding cable set Optimus 300-1.	SK70 - 13mm	70mm ²	10m.	1/1
18.11.00205	Welding cable set Optimus 300-1.	SKM25 - 9mm	25mm ²	5m.	1/1

Optimus 400 welding set



Optimus 400 ampère electrode holder.
Ultra flexible welding cable.

Product nr	Description	Plug	Cable	Length	Packing
18.01.16060	Welding set Optimus.	SK50 - 13mm	50mm ²	3m.	1/1



WELDING CABLE SETS

EL200 earth clamp welding set



Earth clamp welding set EL 200A with shunt.
Welding cable neoprene HO-1/N2-D.
Press-on cable lugs.

Product nr	Description	Plug	Cable	Lenght	Packing
18.11.00610	Earth clamp welding set EL200.	SK50 - 13mm	35 mm ²	5m.	1/1
18.11.00805	Earth clamp welding set EL200.	SKM 25 - 9mm	25 mm ²	5m	1/1

EL400 earth clamp welding set



The earth clamp welding set EL 400A with shunt.
Welding cable neoprene HO-1/N2-D.
Press-on cable lugs M10.

Product nr	Description	Plug	Cable	Lenght	Packing
18.11.00615	Earth clamp welding set EL400.	SK50 - 13mm	50 mm ²	5m.	1/1

Quicko 300-I welding set



Quicko 300 ampère electrode holder, with 5 meter 25 mm² neoprene welding cable.
Earthclamp EL400 with 5 meter 25 mm² neoprene welding cable.
Both cables have a cable connector type Dix 10-25 mm².

Product nr	Description	Plug	Cable	Length	Packing
18.01.00002	Welding set Quicko 300-I.	SKM25 - 9mm	25 mm ²	5m.	1/1

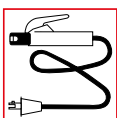


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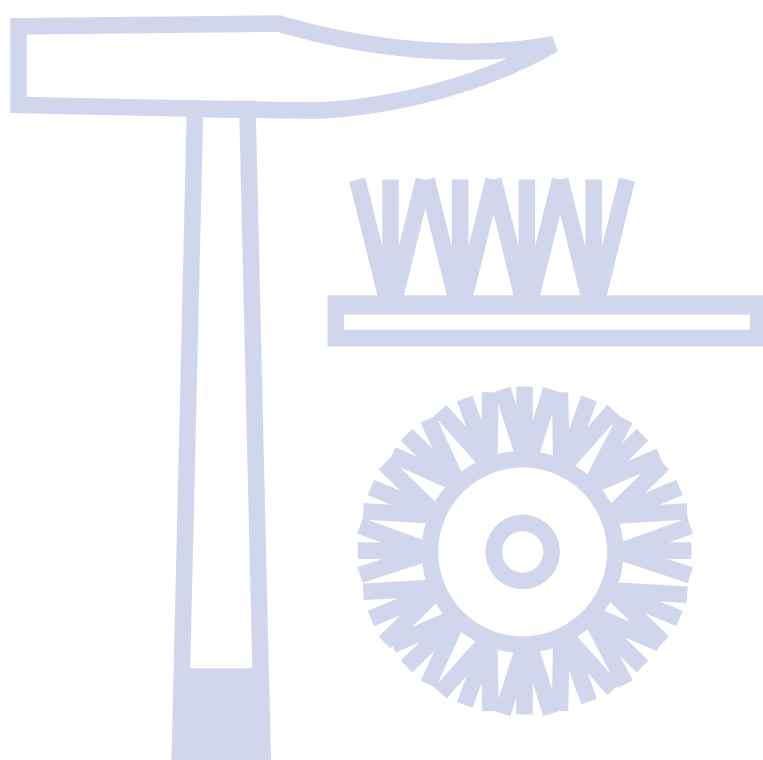
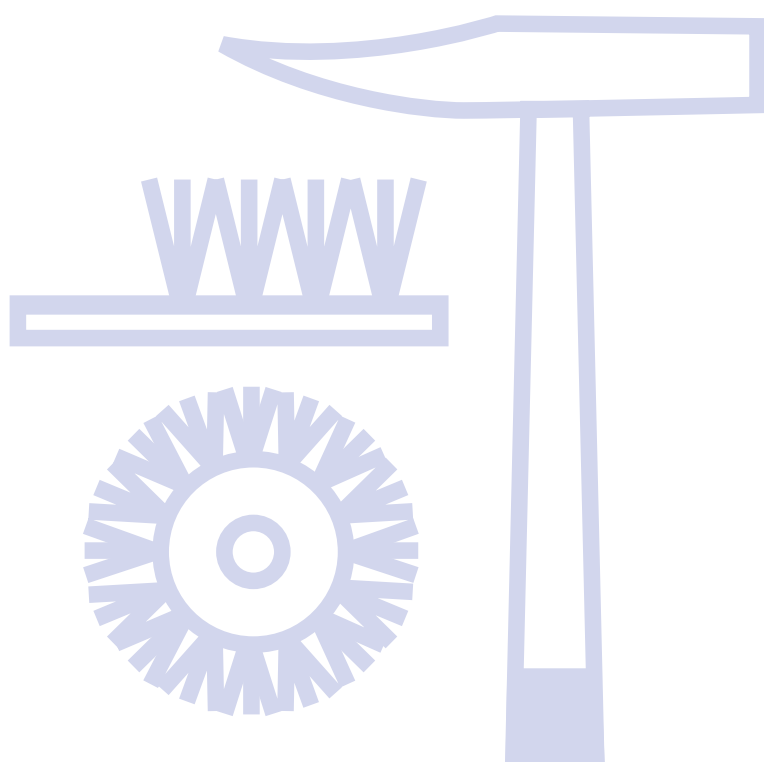


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WELD CLEANING MACHINES, CHIPPING HAMMERS, STEEL BRUSHES



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Bymat weld cleaning / polishing / marking machines



Cleaning

The Bymat will easily remove the oxide film from the weld quickly, cleanly and safely. Simply dip the pad or brush into the Electrolytic cleaning solution and wipe across the weld. The oxide film instantly disappears and the welded area is simultaneously protected against corrosion (passivated) in one operation. In comparison with cleaning and pickling with acids, this process is significantly faster and less expensive due to zero waiting time. The chemicals used for the process contains no hazardous substances and so is significantly safer than conventional chemical cleaning methods.

Electropolishing

The grey edge marks (heat-affected zones) close to the welded seams are caused by the material changes during the welding process. These can be removed without any problem using the "Polish" setting on the machine. It is possible to polish stainless steel to a high gloss finish thus returning the original lustre of the material.

Dark marking of electrically - conductive surfaces

Dark marking onto Stainless Steel can be performed using a template/stencil designed to your specific requirements. The Bymat will permanently mark components deep black, easily, rapidly and inexpensively. Once marked the text or design cannot be removed by cleaning products or solvents and will not wear off. Company logos, graphics, trademarks, serial numbers, identification numbers, scales, and texts can be permanently marked. Our high-performance electrolyte is PH neutral and requires no neutralization.

Key Features of Bymat cleaners/embossers

- Several functions in 1 compact unit (functions vary with the machine type)
- Cleaning
- Polishing
- Dark Marking
- Light Marking/Etching
- Electro-plating
- Complete with a comprehensive accessory kit
- 110 Volt or 230 Volt machines available
- Ergonomic user friendly design
- Environmentally friendly cleaning solutions/electrolytes
- Robust Stainless Steel construction
- Portable
- Use with cleaning pad or brush system
- Faster and less expensive than conventional cleaning methods
- The most versatile cleaning machine on the market
- Proven track record within the welding industry

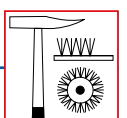
Light marking of electrically - conductive surfaces

Light marking uses the same template/stencil as for dark marking. Using a different Electrolyte we achieve a light marking effect similar to engraving. Material is removed from the component leaving your design/text permanently etched into the surface. This is suitable for materials such as black steels and aluminium for example.

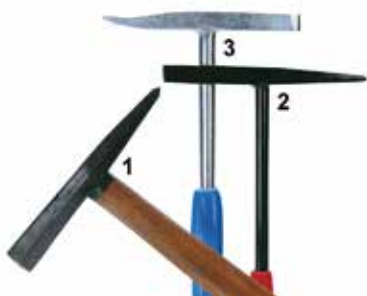
Electroplating / metal plating

With this process it is possible to electroplate small areas of a component using any material which can be liquefied. For examples zinc-plating as corrosion protection after welding. Possible metal coatings: Tin, Zinc, Gold, Silver, Nickel, Chrome, Cadmium, Cobalt, Copper, Brass.

<http://www.vlamboog.nl/en/producten/baseline/>



Chipping hammers



Chipping hammers in several types.

Type HZ (1)

With ash wooden handle.

Type LS 54 (2)

Made of solid steel, colour black with red plastic grip.

Hammers made of steel 54.

Type LS 90 (3)

Made of steel, blue plastic grip.

Product nr	Description	Draw nr	Weight	Packing
21.40.20040	Type HZ.	1	520 gram.	1/10
21.40.20070	Type LS 54.	2	425 gram.	1/10
21.40.20080	Type LS 90.	3	385 gram.	1/10

Chipping hammers made of steel



Chipping hammer type LS (1)

With oval green steel. Hammer made of steel 54.

Chipping hammer type L (2)

Handle made of steel, colour green with black plastic grip.

Hammer made of steel 48.

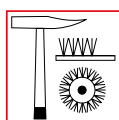
Product nr	Description	Draw nr	Weight	Packing
21.40.20060	Type LS.	1	390 gram.	1/10
21.40.20050	Type L.	2	385 gram.	1/10

Chipping hammers made of stainless steel



Chipping hammer of stainless steel for the removal of welding spatters on stainless steel materials. Burnished design.

Product nr	Description	Weight	Packing
21.40.20020	Type CHSS-L.	372 gram	1/10



Non-coated chipping hammers tungsten steel



Tungsten stainless steel, non-coated chipping hammer with an hardened head. The special hardening process results in an optimal combination of hardness, sharpness and toughness.

Chipping hammers must remain hard and sharp for a long time. In the rough workplace the thin cutting edges soon become soft and useless. Tungsten steel is much less sensitive to this, is more durable, remains sharper and is more satisfactory.

Product nr	Description	Draw nr	Weight	Packing
21.40.30114	Type 14.	1	540 gram	1/25
21.40.30118	Type 15A stainless steel.	2	360 gram.	1/25



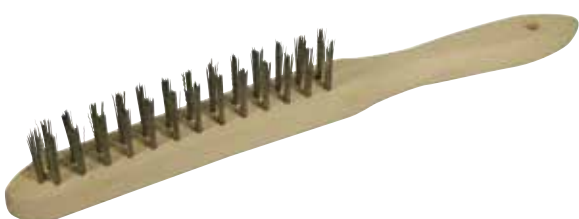
Steel brushes



Steelwire 0.35 mm; length 290 mm; 2, 3, 4 or 5 rows.

Product nr	Description	Packing
21.41.20102	2-rows.	12/120
21.41.20103	3-rows.	12/120
21.41.20104	4-rows.	12/120
21.41.20105	5-rows.	12/120

Steel brushes for stainless steel



Stainless steel curved wire 0.30 mm diameter; length 290 mm; 2, 3 or 4 rows.

Product nr	Description	Packing
21.41.20202	2-rows.	12/120
21.41.20203	3-rows.	12/120
21.41.20204	4-rows.	12/120

Steel brushes U-butt joint



Stainless steel wire 0.35 mm; length 290 mm; rows 3 x 15.

Product nr	Description	Packing
21.41.20402	3-rows.	12

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MARKING, POSITIONING, MEASURING



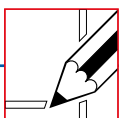
Markal thermomelt temperature sticks



Markal thermomelt temperature sticks. Available in a range from 50 °C to 1200 °C.

Thermomelt is a fast, simple and accurate method to determine an indicated temperature. The marking melts as soon as the required temperature has been reached.

Product nr	Description	Packing
24.44.00050	Markal thermomelt sticks 50° C.	1/12
24.44.00075	Markal thermomelt sticks 75° C.	1/12
24.44.00100	Markal thermomelt sticks 100° C.	1/12
24.44.00125	Markal thermomelt sticks 125° C.	1/12
24.44.00150	Markal thermomelt sticks 150° C.	1/12
24.44.00175	Markal thermomelt sticks 175° C.	1/12
24.44.00200	Markal thermomelt sticks 200° C.	1/12
24.44.00225	Markal thermomelt sticks 225° C.	1/12
24.44.00250	Markal thermomelt sticks 250° C.	1/12
24.44.00275	Markal thermomelt sticks 275° C.	1/12
24.44.00300	Markal thermomelt sticks 300° C.	1/12
24.44.00350	Markal thermomelt sticks 350° C.	1/12
24.44.00400	Markal thermomelt sticks 400° C.	1/12
24.44.00450	Markal thermomelt sticks 450° C.	1/12
24.44.00500	Markal thermomelt sticks 500° C.	1/12
24.44.00510	Markal thermomelt sticks 525° C.	1/12
24.44.00550	Markal thermomelt sticks 550° C.	1/12
24.44.00600	Markal thermomelt sticks 600° C.	1/12
24.44.00650	Markal thermomelt sticks 650° C.	1/12
24.44.00700	Markal thermomelt sticks 700° C.	1/12
24.44.00750	Markal thermomelt sticks 750° C.	1/12
24.44.00800	Markal thermomelt sticks 800° C.	1/12
24.44.00804	Markal thermomelt sticks 804° C.	1/12
24.44.00850	Markal thermomelt sticks 850° C.	1/12
24.44.00900	Markal thermomelt sticks 900° C.	1/12
24.44.00950	Markal thermomelt sticks 950° C.	1/12
24.44.01000	Markal thermomelt sticks 1000° C.	1/12
24.44.01050	Markal thermomelt sticks 1050° C.	1/12
24.44.01100	Markal thermomelt sticks 1100° C.	1/12
24.44.01150	Markal thermomelt sticks 1150° C.	1/12
24.44.01200	Markal thermomelt sticks 1200° C.	1/12



Markal valve action paint markers



Felt-tip based on enamel paint, durable weather- and waterproof marking, ideal for smooth surfaces. Is free of chloric and lead components.

Product nr	Description	Packing
24.44.10002	Markal valve action paintmarker yellow.	1/12/48
24.44.10005	Markal valve action paintmarker red.	1/12/48
24.44.10006	Markal valve action paintmarker white.	1/12/48
24.44.10007	Markal valve action paintmarker black.	1/12/48



MARKING, POSITIONING, MEASURING

Markal Paintsticks



For marking on metal components.

Type B: applicable on wet surfaces.

Type M: resistant against high temperatures up to 871 °C, resistant against oil and water.

Type P: dissolves in galvanising baths without affecting the process.

Product nr	Description	Packing
24.44.20490	Markal paintstick type M, red.	12/144
24.44.20495	Markal paintstick type M, white.	12/144
24.44.03806	Markal paintstick type B, yellow.	12/144
24.44.03814	Markal paintstick type B, white.	12/144
24.44.03818	Markal paintstick type P, white.	12/144

Nissen markers



Nissen markers, ball point tube, suitable for the indelible marking of cold metal, wood, plastic and glass, 1/8" width.

Product nr	Description	Packing
24.44.20100	Nissen marker white.	1/150
24.44.20103	Nissen marker yellow.	1/150

Markal stylemarker ballpoint tube



Stylmark marker writes on all metals, concrete, plastic, cardboard, paper, wood; it does not matter if the material is greasy, wet, or rusty. A specially treated roller ensures long-term problem-free writing. Stylmark dries fast, does not stain and is weather-resistant.

Product nr	Description	Packing
24.44.20400	Markal ballpoint tube white.	1/10
24.44.20410	Markal ballpoint tube red.	1/10
24.44.20420	Markal ballpoint tube yellow.	1/10

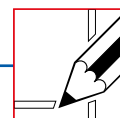
Pentel White marker



Marking pen for metal, glass, plastic, rubber, wood and textile.

Colour white, globular point, thickness 5,5 mm; aluminium holder, with waterproof ink produces bold lines. Quick-drying.

Product nr	Description	Packing
24.44.20409	Pentel whitemarker type 100 W, article 00901.4 white.	12/240



MARKING, POSITIONING, MEASURING

Markal ball paint markers



Enamel paint in holder with roller-ball. Dries in minutes and gives a durable weather-proof marking on wood, metal, plastic and rubber. For marking materials at temperatures from -25 °C up to +65 °C.

Product nr	Description	Packing
24.44.20470	Markal ball paint marker white.	12/48
24.44.20471	Markal ball paint marker yellow.	12/48

Greased marking chalk



The standard marking chalk for the permanent marking and outlining of metals. Not suitable for marking adhesive welding when MIG welding.

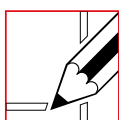
Product nr	Description	Packing
24.44.20502	Greased marking chalk 100 x 9.5 mm, round, yellow.	12/600
24.44.20503	Greased marking chalk 100 x 9.5 mm, round, white.	12/600
24.44.20504	Greased marking chalk 100 x 9.5 mm, hexagonal, yellow.	12/600
24.44.20506	Greased marking chalk 100 x 9.5 mm, hexagonal, red.	12/600
24.44.20507	Greased marking chalk 100 x 9.5 mm, hexagonal, blue	12/600
24.44.20508	Greased marking chalk 100 x 9.5 mm, hexagonal, white.	12/600

Chalk



The well known school chalk for general marking applications.

Product nr	Description	Packing
24.44.20505	Chalk white.	144/576



MARKING, POSITIONING, MEASURING

Soapstone



Professional soapstone for the clear and durable marking of your workpiece.

Product nr	Description	Packing
24.45.20550	Soapstone 100 x 10 x 10 mm.	144/576
24.45.20551	Soapstone 100 x 10 x 10 mm.	12/600
24.45.20560	Soapstone 127 x 13 x 5 mm.	144/576

Soapstone holder



Soapstone holder flat type, 127 x 13 x 5 mm, indexable, inclusive of soapstone.

Target points for correct positioning.

Stainless steel holder and copper slide, cannot rust.

Fastening clip for wearing in chest pocket.

Ready to use.

BS EN ISO 9001:2008

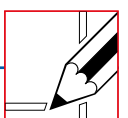
Product nr	Description	Packing
24.45.20549	Soapstone holder 127 x 13 x 5 mm.	1/10

Industrial chalk



Large chunk of chalk for marking various materials.

Product nr	Description	Packing
24.44.20512	Industrial chalk 100 x 25 x 25 mm.	96



Strong Hand magnets with on/off switch



The fast & easy way to hold metal workpieces at 45° & 90°.

Turn the magnet Off when setting up, turn On when you're ready to work. Fast and safe set-up!

Ideal for round and square tubing, angle, and flat stock.

Easy to clean. Simply turn Off and wipe.

Product nr	Description	Max. Pull Force	Weight	Dimension	Packing
24.49.00010	Adjust-O™ Magnet Squares (45° & 90°), type MSA-46HD.	35 kg	700 gr	110x95x29 mm	1
24.49.00015	Heavy duty large magnet, Adjust-O™ Magnet Squares (45° & 90°), type MSA-48HD.	80 kg	1400 gr	153x130x35 mm	1

Strong Hand Adjust-O™ 90°-Dual-Switch-Magnet Squares



Angle magnet squares with the convenience of On/Off switches.

For professional jobs that demand strong hold down forces. Hold flat and round metal work pieces.

Two On/Off switches for independent operation.

Turn the magnets Off when setting up, turn On when you're ready to work. Easy and safe set-up!

Precision machined flat and V-surfaces are ideal for round and square tubing, angle, and flat stock.

Choose from 120 - 265 LBS (55 - 120 kg) pull force.

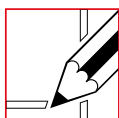
Product nr	Description	Max. Pull Force	Weight	Dimension	Packing
24.49.00018	Adjust-O 2 angle magnet, type MS2-80.	55 kg	1,2 kg	152x152x38 mm	1
24.49.00019	Adjust-O 2 angle magnet, type MS2-90.	120 kg	2,7 kg	197x197x48 mm	1

Strong Hand magnets with adjustable angel



The patented ON/OFF switch on each of our Adjust-O magnets will make positioning easier, and safer to use. The magnet will hold all angles between 25° - 275°. Hold flat and round work pieces.

Product nr	Description	Max. Pull Force	Weight	Dimension	Packing
24.49.00025	Adjust-O angle magnet	40 kg	2,4 kg	115x190x38 mm	1/1



MARKING, POSITIONING, MEASURING

Strong Hand Standard-Magnet Squares



Set-up 2-Axis stock at multiple angles.

Holding at multiple angles while soldering, brazing, and welding at 45°, 60°, and 90°.

The compact size of the Mini Magnets makes it easy to pack, store, and carry for use anywhere!

MS45 an angle of 45° and 90°.

MS60 an angle of 60° and 90°.

Center hole for easy handling.

Product nr	Description	Max. Pull Force	Weight	Dimension	Packing
24.49.00045	Standard-Magnet Squares MS45	30 kg	500 gr	111 x 95 x 19 mm	1
24.49.00060	Standard-Magnet Squares MS60	25 kg	500 gr	111 x 95 x 19 mm	1

Strong Hand Adjust-O Mag-Level



Innovative magnets and levels with unique and updated features.

The only magnetic level with the On/Off switch.

Holds securely to round and flat surfaces.

Three vials for 0°, 45°, 90° reading.

Hold securely to both flat & round steel surfaces. With 3 bubble vials for angles of 45, 90 and 180 degrees.

Product nr	Description	Type	Weight	Length	Packing
24.49.00020	Strong Hand Adjust-O Mag-level with on/off switch.	MSL-316	900 gr	40 cm	1

Strong Hand Torpedo Mag-Level magnetic level magnet



Torpedo Mag-Level- LM3723

4 strong magnets allow hands-free use on metal surfaces.

V-Groove on one side for pipe and conduit work.

Robust, solid anodized aluminium body.

Product nr	Description	Weight	Length	Packing
24.49.00040	Strong Hand Torpedo Mag-level	200 gr	17,8 cm	1

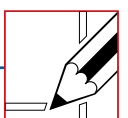
Strong Hand mini magnets



The handy, take-along magnets in a convenient 6-pack. Large centre holes for easier handling. Two riveted holes for linking magnets together. Useful in light duty applications.

For 30°, 45°, 60° and 90° angles.

Product nr	Description	Type	Size	Packing
24.49.00030	Mini magnets, set of 6 pieces.	MS346AK	60x50x15mm	1/1



MARKING, POSITIONING, MEASURING

Strong Hand snake magnet with clamp



Snake magnet with clamp. A 450mm long flexible arm with a magnet on one side and a clamp on the other side to position tools on the work piece.

Product nr	Description	Type	Packing
24.49.00401	Snake magnet with clamp.	MFC18	1/1

Magswitch Extenda-Lift



Safe, Easy and Affordable. No other solution can compare to the Magswitch Extend-A-Lifter and its revolutionary switchable magnetic technology.

No need to bend over and pick up materials.
It instantly attaches to and removes valve box covers: a real time saver!

The safety lock keeps magnets on until they're turned off.
Easy on/off control for precise positioning.
Lightweight and compact.

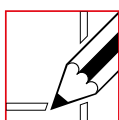
Product nr	Description	Max Breakaway	Packing
24.87.00025	Extenda-Lift 600	272 kg	1/1
24.87.30177	Extenda-Lift 1000	454 kg	1/1

Magswitch Mag-Utility Hook



The Magswitch Mag-Utility Hook is the perfect "helping hand." Magswitch Mag-Utility Hooks let you hang tools, lights, support wires, air hoses, ground lines and more, right where you need them, quickly and easily. Ideal for keeping hoses and lines off the floor for a safer work environment. Mag-Utility Hooks are convenient and easily move from job to job.

Product nr	Description	Max Breakaway	Packing
24.87.00012	Mag-Utility Hook 25	11 kg (on 6 mm steel)	1/1
24.87.00006	Mag-Utility Hook 40	18 kg (on 6 mm steel)	1/1



MARKING, POSITIONING, MEASURING

Magswitch Hand Lifter 60-M (Manual)



Manual On/Off, Combination Magnetic Hand lifter/sheet dragger, for all your small steel handling needs.

Simple 180 degree turn of a knob to turn the magnet on or off.
Pipe groove for transporting various size pipe.
Pivot handle with multi settings (for sheet dragging) or locking handle vertical for use as a (hand Lifter)

Benefits:

Safely pick up hot, sharp or dirty steel without touching it.
Easy On/Off magnet for fast efficient steel transport
Strong magnet allows transport of heavier material.

Product nr	Description	Max Breakaway	Packing
24.81.00359	Magswitch Manual Lifter 60-M	106 kg	1/1

Magswitch Hand Lifter 60-CE (Cordless Electric)



Push Button Electric On/Off Magnetic Hand lifter.
4 volt rechargeable battery for instant on/off control for small steel transport and material handling.

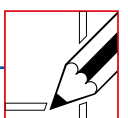
Features:

Push button On/Off Control.
100% duty cycle-Magnet can stay ON forever!
Magswitch magnet stays clean when off!
Indicators: "On" indicator light; Battery strength indicator.
Cordless Electric rechargeable 4 volt battery with charger (includes 2 batteries) recharges in just 20 minutes.
Super strong Magnet Up to 200 lb. (90 kg) of grip.
Pipe groove for transporting pipe.
High Duty Cycle Magnet for years of daily use.

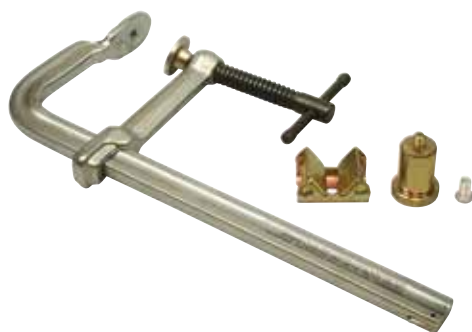
Benefits:

Fast easy push button On/Off control.
Ability to move or handle steel faster with instant actuation.
Strong magnet allows transport of heavier material.
Cordless battery actuation and fast recharging.
Pick up hot, sharp or dirty steel without touching it.

Product nr	Description	Max Breakaway	Packing
24.81.00385	Magswitch Manual Lifter 60-CE (Cordless Electric)	106 kg	1/1



Strong Hand positioning clamps 4-in-1



Strong Hand® 4-IN-1 Utility Clamps, The Only Sliding Arm Clamps in the industry with the removable/reversible clamp arm, and the threaded jaw hole for adding exclusive Strong Hand® accessories.

The 4-IN-1 Clamp adapts to create a: Pipe Clamp, Spreader Clamp, and Step-Over Clamp. 1 Clamp - 4 Applications.

Product nr	Description	Capacity	Jaw	Rail	Packing
24.49.00195	J clamp 15mm rail, model UD.	130mm	80mm	15mm	1/1
24.49.00200	Clamp 15 mm rail, model UD.	130mm	80mm	15mm	1/1
24.49.00205	Clamp 22 mm rail, model UF.	165mm	122mm	22mm	1/1
24.49.00210	Clamp 25 mm rail, model UG.	215mm	125mm	25mm	1/1
24.49.00215	Clamp 30 mm rail, model UM.	320mm	135mm	30mm	1/1
24.49.00220	Clamp 30 mm rail, model UM.	520mm	135mm	30mm	1/1

Strong Hand positioning clamps MagSpring



Strong Hand position clamps MagSpring™

Quick-Set Clamps for fast, convenient clamping.

The spring-loaded, one-handed clamp with quick-set magnetic V-Pad.

- The Spring Loaded Arm allows users to free up one hand to position the workpiece.
- Once positioned, the Adjustable Magnetic V-Pad holds the clamp to the workpiece for tightening.
- Clamping pressure : 140 - 227 Kg. (300-500 LBS).
- Throat Depth : 64-83 mm (2-1/2" - 3-1/4").
- Tapped hole : M8 (1/4-20).

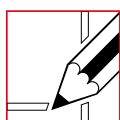
Product nr	Description	Capacity	Jaw	Rail	Packing
24.49.00230	Clamp with spring, model UDV45M	90 mm	89 mm	16 x 8 mm	1/1

Strong Hand V-pad



Strong hand flexible V-pad which can be screwed on the clamp. Both sides are provided with a hinge point for extra grip on several surfaces. Delivered without the screw.

Product nr	Description	Type	Packing
24.49.00300	V-pad for model UD (art nr 24.49.00195 and 24.49.00200)	XDV	1/1
24.49.00305	V-pad for model UF & UG (art nr 24.49.00205 and 24.49.00210)	XFV	1/1
24.49.00310	V-pad for model UM, (art nr 24.49.00215 and 24.49.00220.)	XMV	1/1



Strong Hand V-pad



Strong Hand flexible V-pad which can be mounted on the screw clamp. Flexible brackets for perfect fitting.

Product nr	Description	Type	Packing
24.49.00385	V-bek for model UD, clamp 24.49.00195 en 24.49.00200	XDA	1/1
24.49.00390	V-bek for model UF and UG, clamp 24.49.00205 and 24.49.00210	XFA2	1/1
24.49.00395	V-bek for model UM, clamp 24.49.00215 and 24.49.00220	XMA2	1/1

Strong Hand V-pad with cup and balljoint



Strong hand flexible V-pad which can be mounted on the screw clamp.
Flexible brackets for perfect fitting.

Product nr	Description	Type	Packing
24.49.00380	V-pad with cup and ballpoint, for model UM.	XMA	1/1

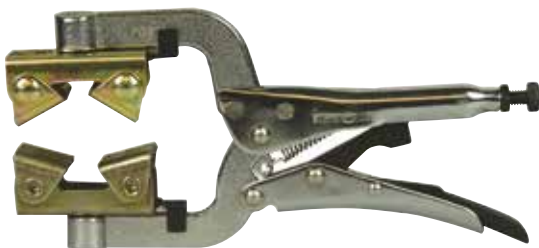
Strong Hand extender block



Strong hand extender block. With this extender block the jaw opening can be adjusted. This block is provided with screw thread so it can be screwed on the jaw. Available in lengths of 25mm or 50mm.

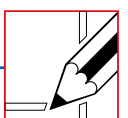
Product nr	Description	Type	Length	Packing
24.49.00315	Extender block for model UD (prod nr 24.49.00195 and 24.49.00200)	XDB	25mm	1/1
24.49.00320	Extender block model UF & UG (prod nr 24.49.00205 and 24.49.00210)	XFB	50mm	1/1
24.49.00325	Extender block model UM, (prod nr 24.49.00215 and 24.49.00220)	XMB	50mm	1/1

Strong Hand pipe pliers and pipe fixtures 25-50



Unique pipe pliers to position simple pipe parts 25-50mm.
Flexible brackets for perfect fitting.

Product nr	Description	Type	Packing
24.49.00450	Pipe positioning clamps 25-50mm.	PG662V	1/1



Strong Hand pipe pliers and pipe fixtures



The convenient way to hold round or square tubes for butt-welding.

- Wide opening allows the Pipe Plier to hold up to 64 mm (2-1/2") diameter pipes.
- Adjustable top spindle for holding pipes of varying sizes.
- 2 large V-Pads provide a better clamping surface.
- 0° & 45° angle clip allows angled clamping.

Flexible brackets for perfect fitting.

Product nr	Description	Type	Packing
24.49.00451	Strong Hand pipe pliers and pipe fixtures 38-64mm.	PG114V	1/1

Strong Hand 90° Fixed JointMaster™



The 90° Fixed JointMaster™

The Fixed JointMaster™ is the ideal 90° work piece double positioning clamp.

- Retractable plate for edge alignment.
- V-Grooves for holding round pieces.
- Ideal for holding two pieces of different thicknesses that require individual adjustments.
- PT Series comes with 2 pairs of pliers.

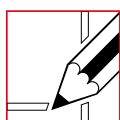
Product nr	Description	Type	Capaciteit	Opening	Packing
24.49.00610	JointMaster, fixed 90°	PT634M	76 mm	76 mm	1/1

Strong Hand shark clamps



The strong hand shark Clamp has a unique design with a fast action button. Zip open and close one press on the action button for the fastest possible setup. The curved clamp arm steps over L-beams, flanges and other obstacles. Scissor action with floating grip pads will hold odd shaped parts accurately. With the inside grip teeth the clamp can hold larger pipes and cylinders.

Product nr	Description	Type	Opening	Packing
24.49.00115	Shark clamp	SC50M-A	127 mm (5.5")	1/1
24.49.00165	Shark clamp	SC65M-A	165 mm (6.5")	1/1



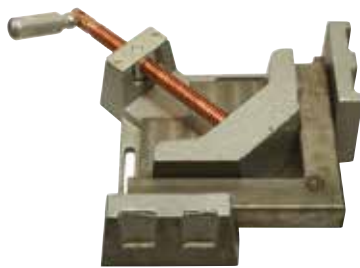
Strong Hand Shark welding clamps



Easy clamp for diverse applications for a powerful en quick clamp on the work piece. With the quick release button it is easy to put on and of the clamp. The clamp can be used on slanting, round, conical and even inner applications.

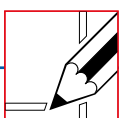
Product nr	Description	Type	Opening	Packing
24.49.00116	Shark clamp	SC50M	127 mm	1/1
24.49.00166	Shark clamp	SC65M	165 mm	1/1

Strong Hand 2-Axis fixture vise



Vise fixture for dimensional clamping of the workpiece. The swing arm has an easy swing function and the quick acting screw is released at the touch of a button.

Product nr	Description	Type	Weight	Max Clamp Diameter	Packing
24.49.00095	Vise fixture 2 dimensional.	WAC34	4.9 kg	95mm	1/1
24.49.00120	Vise fixture 2 dimensional.	WAC45	10,6 kg	120mm	1/1



Strong Hand Multi-Axis Clamp with fixture vise



The Strong Hand® Tools Multi-Axis Welder's Angle Clamp with Fixture Vise helps you hold a 3-Axis workpiece in position before welding. Just push the quick acting screws and the threaded studs will slide in and out for fast set-up and clamping of your workpiece. Hold parts in position during cool down to minimize distortion due to contraction. When the job is finished, swing away the third axis arm for easy part removal. Two stand-offs are included for faster clamping.

- Features exclusive Quick Acting Button: press and hold button and threaded spindle slides in and out for fast setup.
- Release button and threads re-engage for tightening.
- Accurate 90° angle.
- Easy adjustments hold workpieces of differing thicknesses.
- Swing away arm.
- T-Handle.
- Stand-off increases access.
- 3.75" miter joints per side.
- 1.38" jaw height.
- 2.45" T-clearance.

Product nr	Description	Type	Weight	Max Clamp Diameter	Packing
24.49.00130	Vise fixture for the 3 dimensional.	WAC35-SWM	11,1 kg	95 mm	1/1

Strong Hand connector



Strong hand connector with this connector several work pieces can be clamped together.

Product nr	Description	Type	Packing
24.49.00330	Link for type UD.	XDL	1/1
24.49.00335	Link for type UF/UG/UM.	XML	1/1

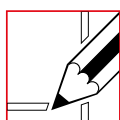
Strong Hand welding table Nomad



NOMAD™ Economy Welding Table
Very Affordable. Fully Adjustable. Easily Movable.
The Nomad Economy Welding Table is engineered to provide a safe, transportable, affordable, and versatile welding surface.

- Three 28mm (1.1") slots in the tabletop allow for insertion of clamps to reach any point on the table.
- Tabletop tilts to three positions: Horizontal, 30°, and folded for mobility.
- Two retractable, perpendicular steel guide rails can be used as guides, stops, or clamping edges.
- Tabletop height can be adjusted from 660-810 mm (26" to 32")
- Table moves about the work area on 2 sturdy casters

Product nr	Description	Afm. tafelblad	Max. belasting	Weight	Packing
24.49.00700	Nomad welding table	76,0 x 51,0 cm.	160 kg.	20 kg.	1/1



MARKING, POSITIONING, MEASURING

Rex marking pen



Marking pen for marking metals and hard materials.

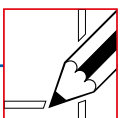
Product nr	Description	Packing
24.52.00800	Rex marking pen, 3 mm Widia marker.	1/1

Wrap-a-rounds



With the wrap-a-round a pipe can easily be marked for proper cutting into the desired shape for welding.

Product nr	Description	Packing
24.72.00007	164B, 3"- 6", colour black.	1/1
24.72.00010	176B, 3"-10", colour black.	1/1
24.72.00032	176GG, 3"-10", colour grey.	1/1
24.72.00013	177B, 4"-12", colour black.	1/1
24.72.00032	179GG, 6"-16", colour grey.	1/1



Thermometer Testo 925



The one channel temperature measuring instrument for connection to reliable, fast-action thermocouple probes. Probes not included. An additional temperature probe can be displayed in Testo 925; data is transmitted by radio, i.e. wirelessly. An audible alarm sounds if limit values are exceeded. Current measurement data as well as max/min data can be printed on site on the Testo fast printer.

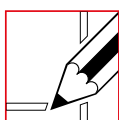
- 1 channel measuring instrument with optional radio probe.
- Wide range of probes.
- Continuous display of max/min values.
- Hold button to freeze reading.
- TopSafe, indestructible case, protects from dirt and impact (option).
- Display light.
- Special probes for industrial kitchen sector.
- An audible alarm sounds when limit values are exceeded.

Storage temperature: -40 to +70 °C
 Operating temperature: -20 to +50 °C
 Battery type: 9V block battery, 6F22
 Weight: 171 g
 Dimensions: 182 x 64 x 40 mm
 Material/Housing: ABS
 Probe - Type K
 Meas. Range: -50 to +1000 °C
 Accuracy: $\pm(0.5\text{ °C} + 0.3\% \text{ of mv})$ (-40 to +900 °C)
 $\pm(0.7\text{ °C} + 0.5\% \text{ of mv})$ (remaining range)
 Resolution: 0.1 °C (-50 to +199.9 °C)
 1 °C (remaining range)

Product nr	Description	Packing
24.54.00145	Testo 925 thermometer.	1/1

Thermometers Testo 925 accessories

Product nr	Description	Packing
24.54.00153	Surface probe, fast and accurate, watertight, with small point, suitable for rough surfaces, -60 to 1000°C. time-weighted average = 20 sec.	1/1
24.54.00156	Surface probe, fast and accurate, watertight, with small point, suitable for rough surfaces, -60 to 1000°C. time-weighted average = 2 sec.	1/1
24.54.00192	Protective cover for thermometer 925, including of table stand.	1/1



Infrared thermometer Weldsafe



Quick Infrared thermometer with an acoustic alarm. Helps to measure surface temperature of hot, hazardous or difficult to reach object without contact. Press and hold the button so that the thermometer will read the current surface temperature in 0.5 seconds. The thermometer is able to measure temperatures from -25 to 986 °F/ -32 to 530°C and has a response time & wavelength of 500ms & (8-14um).

- Colour: Red + Black.
- Size : 152mm x 130mm x 38mm
- Accuracy: $\pm 2^{\circ}\text{C}$ / of 2%
- Resolution: 0,1 ° C of 0,1 F
- Distance spot Ratio: 00:01
- Emissivity: 0.95 (pre-set)
- C / F selection function
- Auto Power Shut Off function.
- Automatic data hold function.
- Empty battery indication.
- Laser pointer.
- DC9V battery (9V battery included).

Product nr	Description	Packing
24.54.30100	Weldsafe infrared thermometer	1/1

Coating Thickness Gauge Weldsafe



The Weldsafe Coating Thickness Gauge Weldsafe measures the thickness of coatings on all metals.

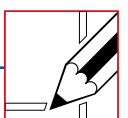
Accurate and economical and ideal instrument for Paint Applicators, Coating Inspectors.

Easy-to-read oversized LCD display is reversible for reading when inverted. 2 in 1 type (CM- 8801FN).

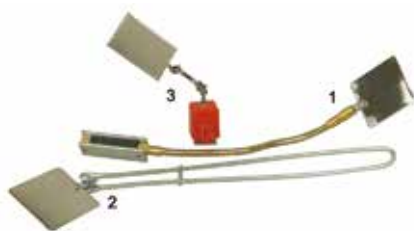
Measures non-magnetic coating on Ferromagnetic base.

- LCD display: 3 digits, 33mm LCD.
- Range: 0 - 1999 μm (0 - 80 mil).
- Resolution: 1 μm /0.1 mil.
- Accuracy: $\pm (3\% n + 0,1)$ mil.
- Power supply: 1 x 1.5V AAA (UM-4) batteries (not included).
- Item size : approx. 110 x 46 x 25 mm (4.3 x 1.8 x 0,98 inch).
- Item weight: approx. 67g (batteries excluded).

Product nr	Description	Packing
24.48.19200	Weldsafe Coating Thickness Gauge	1/1



Welding mirrors, handheld & magnetic



For different applications, available in several variations.

BS EN ISO 9001:2008

Product nr	Description	Draw nr.	Packing
24.47.00110	Weldsafe welding mirror, with flexible arm on magnetic holder.	1	1
24.47.00100	Weldsafe hand welding mirror, length 500 mm, inclusive metal mirror of 80 x 80 mm.	2	1
24.47.00310	Heavy duty inspection welding mirror 52 x 87 mm, on magnetic holder.	3	1

Inspection mirrors telescopic



Chrome-plated design in different forms and sizes.

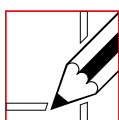
Product nr	Description	Draw nr.	Packing
24.47.02030	Telescopic inspection mirror, round 32 mm, chrome, length 500 mm.	1	1
24.47.02010	Telescopic inspection mirror, oval, 25 x 50 mm, chrome, length 500 mm.	2	1
24.47.02020	Telescopic inspection mirror, round 20 mm, chrome, length 500 mm.	3	1

Inspection mirrors telescopic stainless steel



Solid mirrors made of sturdy stainless steel, with comfort grip.

Product nr	Description	Packing
24.47.04010	Telescopic inspection mirror, round 32 mm, sturdy stainless steel, length 210 - 885 mm.	1/1
24.47.04020	Telescopic inspection mirror, round 56 mm, sturdy stainless steel, length 245 - 920 mm.	1/1
24.47.04030	Telescopic inspection mirror, round 81 mm, sturdy stainless steel, length 270 - 945 mm.	1/1
24.47.04025	Telescopic inspection mirror, round 56 mm, sturdy stainless steel with LED light, length 250 - 920 mm.	1/1

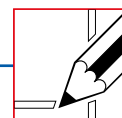


Mirror accessories

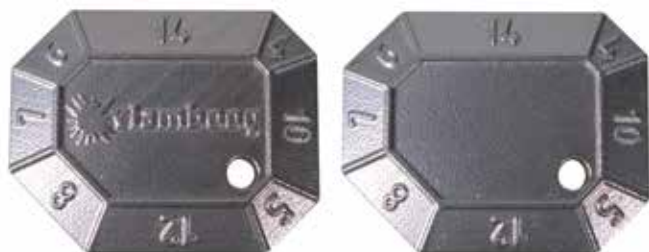
Spare mirrors for Weldsafe inspection mirrors.



Product nr	Description	Packing
24.47.00200	Spare metal mirror 80 x 80 x 1.5 mm for Weldsafe welding mirrors.	1/1
24.47.00210	Spare metal mirror 80 x 80 x 1 mm for Weldsafe welding mirrors.	1/1
24.47.05010	Spare mirror round 32 mm.	1/1
24.47.05020	Spare mirror round 56 mm.	1/1
24.47.05030	Spare mirror round 81 mm.	1/1
24.47.05040	Spare mirror oval 25 x 50 mm.	1/1



Welding gauge



Metal welding gauge to measure nominal throat altitude.

Product nr	Description	Packing
24.55.00175	Welding gauge with Vlamboog print.	1/5
24.55.00176	Welding gauge without print.	1/5

Digital welding gauge



Digital welding gauge; resolution: 0,01 mm. Supplied in a small plastic box, complete with a spare battery. Simple to reset and with a mm/inch button to switch from mm to inch. The welding gauge can be connected to a printer for data-output by means of a special data-cable. (Data-cable not-included).

Product nr	Description	Packing
24.55.10001	Digital welding gauge incl. battery.	1/5

Welding gauge Bridge Cam WG-04BCG

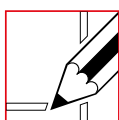


This Bridge Cam Welding Gauge WG-04BCG is a practical multipurpose welding gauge for measuring undercut, excess material, fillets, weld size and height, preparation angle and misalignment.

To be used for measuring, among others :

- Angle of Preparation, 0 to 60 degrees.
- Excess Weld Metal (capping size).
- Depth of Undercut by 1/32".
- Depth of pitting by 1/32".
- Fillet Weld Throat Size (1/64" or .5mm, Theoretical & Actual).
- Misalignment (High-Low).
- Crown Height.
- Root Face & Root Gap.

Product nr	Description	Packing
24.54.10110	Bridge Cam Welding Gauge WG-04BCG	1/1



MARKING, POSITIONING, MEASURING

Welding gauge Hi-Lo WG-06



The Hi-Lo welding gauge is a very precise measuring tool for, amongst others, internal alignment, crown heights, socket welds, pipe and plate wall thickness, bevel on pipe and plate end preparation.

Features:

- Hardened steel.
- High Accuracy.
- Highly polished surface.
- Measurements read English one side, Metric opposite side.
- With Lock crew.

Product nr	Description	Packing
24.54.10120	Hi-Lo Welding Gauge WG-06	1/1

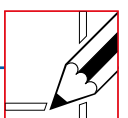
Welding inspection suitcase



Welding inspection suitcase.

More information available on request.

Product nr	Description	Packing
24.54.10610	Welding inspection suitcase	1/1



Flashlight Police Torch



Rechargeable Police Torch set with chargers.

180 lumen LED lighting, adjustable beam, 2 brightness levels and a flashing function.

The flashlight has a powerful rechargeable powerful li-ion charger battery and 2 chargers (230V AC and 12V DC) for regular use and for in the car.

The charger can be plugged right into the flashlight, without removing the battery.

EN 55015:2006+A1:2007+A2:2009

EN 61547:2009

EN 6100-3-2:2006+A1:2009+A2:2009

EN61000-3-3:2008

Product nr	Description	Packing
24.47.13000	Rechargeable police torch flashlight with chargers, complete set.	1/1

Flashlight Weldsafe 9 LED



Weldsafe 9 LED torch.

10 cm x Ø20mm
3xAAA batteries not included.

EN 55015:2006+A1:2007+A2:2009

EN 61547:2009

EN 6100-3-2:2006+A1:2009+A2:2009

EN61000-3-3:2008

Product nr	Description	Packing
24.47.10110	Weldsafe 9 LED Torch blue	1/1

Penlight cliptrix



Weldsafe inspection light with 1xAAA HJ Alkaline battery.

Weight: 26 gram (without battery)
Size : 133mmx14mm

Product nr	Description	Packing
24.47.03010	Weldsafe inspection light, inclusive of batteries.	1/10/100

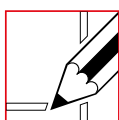


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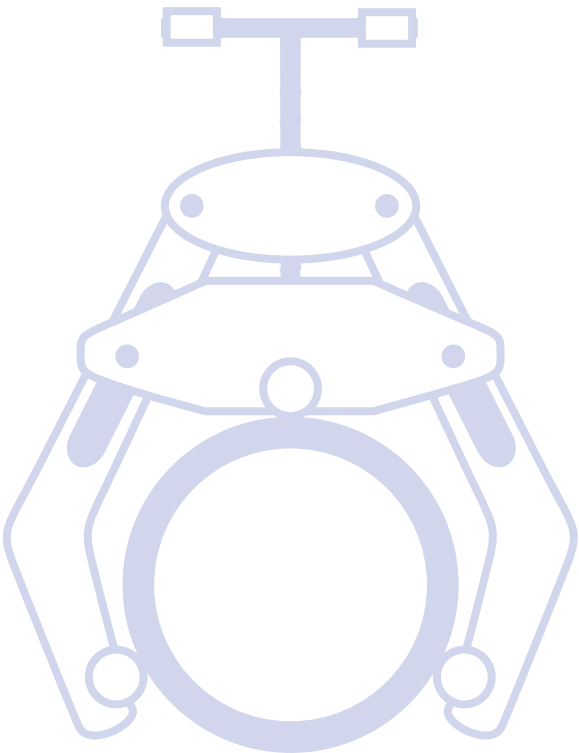
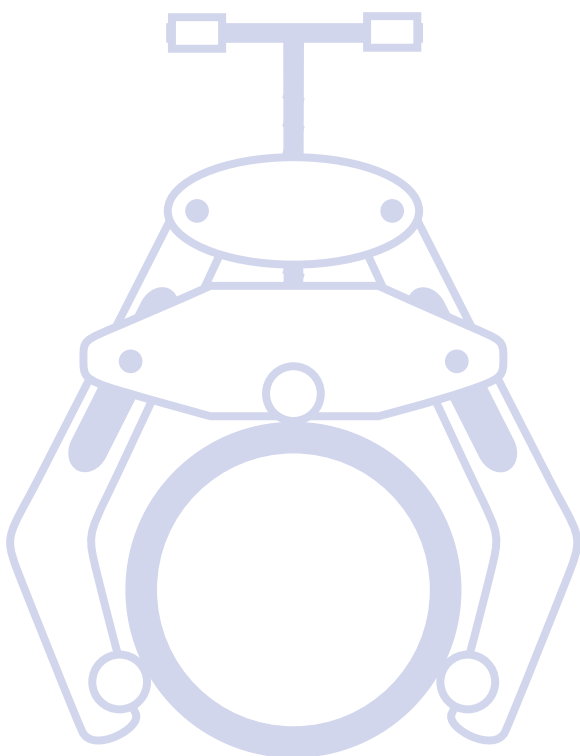


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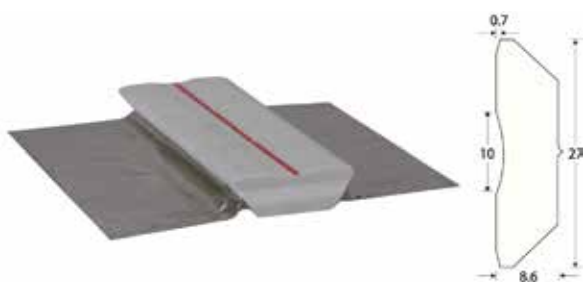
Ceramic backing material VB 8061



60 cm ceramic backing material VB 8061 on self-adhesive aluminium tape. Material is 27 mm wide, 8 mm thick. Round groove 12 mm wide and 1.2 mm deep.

Product nr	Description	Packing
29.08.06100	VB 8061.	18m

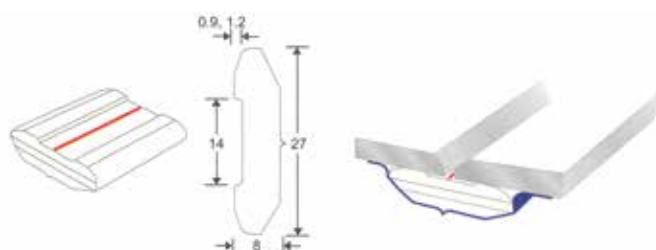
Ceramic backing material VB 8061-3



60 cm ceramic backing material VB 8061-3 on self-adhesive aluminium tape. Material is 27 mm wide, 8.6 mm thick. Round groove 10 mm wide and 0.7 mm deep.

Product nr	Description	Packing
29.08.06130	VB 8061-3.	18m

Ceramic backing material VB 8061-5



60 cm ceramic backing material VB 8061-5 on self-adhesive aluminium tape. Material is 27 mm wide, 8.0 mm thick. Round groove 0,9 mm wide and 1,2 mm deep.

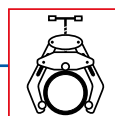
Product nr	Description	Packing
29.08.06150	VB 8061-5, groove 0,9 mm.	18 m
29.08.06152	VB 8061-5, groove 1,2 mm.	18 m

Ceramic backing material VB 8063-A



60 cm ceramic backing material VB 8063-A on self-adhesive aluminium tape. Round version.

Product nr	Description	Packing
29.08.06307	VB 8063-A, Ø 7 mm.	24m
29.08.06310	VB 8063-A, Ø 10 mm.	24m
29.08.06312	VB 8063-A, Ø 12 mm.	18
29.08.06315	VB 8063-A, Ø 15 mm.	12



WELDING TOOLS

Ceramic backing material VB 8064



60 cm ceramic backing material VB 8064 on self-adhesive aluminium tape. Triangle shape, with 30, 60 and 90 degrees angle, longest side is 18 mm.

Product nr	Description	Packing
29.08.06400	VB 8064.	18m

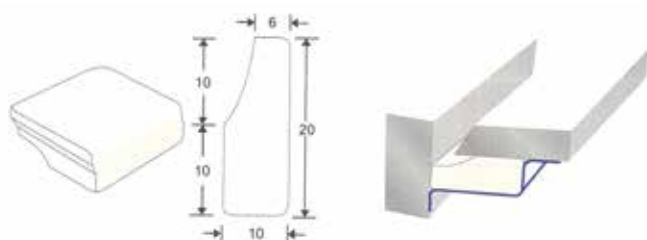
Ceramic backing material VB 8067



Ceramic backing material VB 8067 on self-adhesive aluminium tape. Material is 27 mm wide, 8 mm thick. Round groove 12 mm wide and 1.2 mm deep. Consists of 8 parts that form together a full circle.

Product nr	Description	Packing
29.08.06710	VB 8067, radius 100, pieces per radius.	1/25
29.08.06715	VB 8067, radius 150, 8 pieces per radius.	1/25
29.08.06717	VB 8067, radius 172, 8 pieces per radius.	1/25
29.08.06720	VB 8067, radius 200, 8 pieces per radius.	1/25
29.08.06730	VB 8067, radius 250, 8 pieces per radius.	1/25
29.08.06730	VB 8067, radius 300, 8 pieces per radius.	1/25

Ceramic backing material VB 8071



60 cm ceramic backing material VB 8071 on self-adhesive aluminium tape. Material is 20 mm wide, 10 mm thick. Round groove 10 mm wide and 4 mm deep.

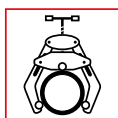
Product nr	Description	Packing
29.08.08071	VB 8071.	12

Magnetic strip



Magnetic strip for mounting ceramic backing material, size 250x50x3 mm.

Product nr	Description	Packing
29.08.29500	Magnetic strip.	1



Fiback™ Weld Backing Tape



Fiback™ Aluminium backing tape with fiberglass center, 63 mm x 12.5 m.

Width 2,5" (64 mm), length 41' (12,5 meter).

Width Weld Backing Tape 1 1/8" (28,5mm).

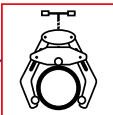
Width 4" (102mm), length 41' (12,5 meter).

Width Weld Backing Tape 1,5" (38mm).

Benefits:

- Reduces setup time.
- Eliminates/minimizes need for back purging.
- Reduces post-weld grinding.
- Cuts down on post-weld clean up.
- Increases weld productivity, reduces costs.
- Heat Resistant (Adhesive 260°C, Aluminum tape 593°C, Fiberglass strip 550°C).
- For application up to 500/600 Amps.

Product nr	Description	Packing
29.02.40505	Weld Backing Tape 2.5", lenght 12.5 m.	1/5
29.08.06100	Weld Backing Tape 4", lenght 12.5 m.	1/5
29.02.40200	Aluminium backing tape 100mm, lenght 50 m	1/5



Oxygen analyser



The OX-100X self-calibrating weld monitor accurately measures oxygen concentration in purged tubing and high purity weldments, ensuring a high quality finish. The OX-100X is ideally suited for high purity welding where it is paramount to displace oxygen before purging. Constant monitoring of the oxygen level is necessary until it is ascertained that the oxygen has been evacuated to 0.01% to enable the commencement of welding to prevent oxidation, discoloration and coking. Stainless steel and other alloys oxidize and discolor in the presence of oxygen. The purge monitor will measure traces of oxygen above 0.01% (100 ppm) being exhausted by the purge gas so the operator knows when a safe level to begin welding has been achieved.

The OX-100X self-calibrating weld monitor accurately measures oxygen concentration in purged tubing and high purity weldments, ensuring a high quality finish. The OX[™]-100X is a durable, battery powered, self-calibrating Oxygen Weld Monitor. The OX-100X accurately measures oxygen concentration with 0.01% (100 ppm) resolution and can be used in MIG and TIG welding. The OX-100X Monitor's internal pump draws a sample and its analyser quickly provides an easy-to-read digital LED display. Designed for use in high purity welding applications in the field, fabrication shop or construction site, the versatile OX-100X is equally suited for oxygen analysis on the production floor, in research labs or for combustion tuning.

The OX-100X Kit includes the necessary accessories required to operate your Oxygen Weld Monitor all neatly stored in a polycarbonate carrying case. This lifetime guaranteed case is airtight, water proof and impact resistant, offering superior protection for your high purity welding monitor. The OX-100X Kit includes the OX-100X Weld Monitor and Oxygen Sensor, a protective tool belt pouch, four AA batteries, and a Phillips head screw driver, Operations Manual and Quick Instruction Card. The OX-100X Kit also features a stainless steel probe with 5 feet (1.5 m) neoprene tubing extension for remote oxygen concentration measurement.

Product nr	Description	Packing
29.02.00100	Oxygen analyser OX-100X.	1/1

WT aluminium pipe clamps



WT pipeclamp for the optimal positioning of pipes for welding. Made of aluminium. WT pipeclamp is lightweight and has good grip on pipes with an outside diameter up to 355 mm. For pipe-pipe and pipe-fitting welding.

Product nr	Description	Packing
29.04.00064	For pipe diameter 1.0 - 2.5" (25 - 64 mm), weight 0.6 kg.	1
29.04.00168	For pipe diameter 2.5 - 6.5" (64 - 165 mm), weight 2.4 kg.	1
29.04.00355	For pipe diameter 6.0 - 14.0" (127 - 355 mm), weight 7.1 kg.	1

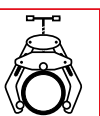


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HEAD PROTECTION

Weldsafe safety caps

Safety cap made of ABS. Shelflife is 5 years after the date of production, which is printed into the cap. Ratchet headgear, with six-point suspension.

Others colours available starting from 200 pcs.

EN 397: 1995



Product nr	Description	Packing
36.42.00200	Weldsafe safety cap blue	1/1
36.42.00250	Weldsafe safety cap white	1/1
36.42.00300	Sweatband for Weldsafe safety cap	10



HEAD PROTECTION

Uvex Airwing B-S-WR safety caps



All the models in the Uvex Airwing safety helmet series are equipped with a 6-point textile strip carrier basket. Rotating size adjusters are available as an optional extra to enable easy size alteration for comfort during use. These safety helmets meet the additional very low temperature requirement, covering conditions down to -30°C.

Benefits overview

- Lightweight helmet with attractive design.
- Perfect fit, high wearing comfort.
- Helmet shell made of polyethylene.
- Side slots for attaching ear defenders and/or visors.
- 6-point textile suspension harness.
- Airwing B - 3 variable air vents.

EN 397.

Product nr	Description	Packing
36.41.28763-200	Yellow.	1/25
36.41.28763-300	Blue.	1/25
36.41.28763-400	White.	1/25
36.41.28763-600	Green.	1/25

Uvex Airwing spare parts

Product nr	Description	Packing
36.41.28836	Headgear	1/1
36.41.31413	Sweatband.	1/1

Speedy quickmount



Speedy quick lock for quick and firm mounting of a welding helmet to a safety cap. The welding helmet can easily be lifted of the safety cap by pushing the clips out.

Product nr	Description	Packing
44.46.63517	Speedy quickmount.	1/1

Bilsom Clarity C1H ear protectors



BILSOM Clarity C1H, light blue.

Grey-blue ear protectors that still allow you to hear speech. Can be attached in the slot on the safety helmet using 3 different types of adapters (supplied).

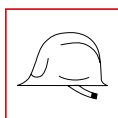
H=26dB M=23dB L=19dB SNR=26dB

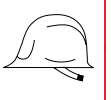
H= high tonal range; M=medium tonal range;

L=low tonal range; SNR=Single Number Rating

EN 352-1

Product nr	Description	Packing
42.31.29484	Clarity C1H Earmuffs, per pair.	1/10





HEAD PROTECTION

Gouging and welding hood

Splitleather gouging hood with cord to tighten around the face. The hood protects against sparks and metal splashes. For heavy duty applications.

Weight 610 gram.
Colour red brown.

EN ISC 11611: 2007



Product nr	Description	Packing
36.46.83470	Gouging hood, split leather, red brown.	1/20

Grinding hood proban

Hood made of flame retardant proban cotton. Protects against welding and grinding spatters.

Weight 189 gram.
Colour dark blue.

EN ISO 13688 (EN 340)
EN ISO 11612
EN ISO 11611



Product nr	Description	Packing
36.46.97909	Grinding hood proban.	1/50



HEAD PROTECTION

36

Kromer welding caps



Original American comfortable and washable welding caps for use in combination with welding helmets. Made of flame retardant cotton and supplied in a wide range of colours and prints.

Weight 60 gram.

EN 340:2003

Product nr	Description	Size	Packing
36.49.85607	Kromer welding caps assorted mix.	6 7/8" Ø = 55 cm.	1/50
36.49.85700	Kromer welding caps assorted mix.	7" Ø = 56 cm.	1/50
36.49.85701	Kromer welding caps assorted mix.	7 1/8" Ø = 57 cm.	1/50
36.49.85702	Kromer welding caps assorted mix.	7 1/4" Ø = 58 cm.	1/50
36.49.85703	Kromer welding caps assorted mix.	7 3/8" Ø = 59 cm.	1/50
36.49.85704	Kromer welding caps assorted mix.	7 1/2" Ø = 60 cm.	1/50
36.49.85705	Kromer welding caps assorted mix.	7 5/8" Ø = 61 cm.	1/50
36.49.85706	Kromer welding caps assorted mix.	7 3/4" Ø = 62 cm.	1/50
36.49.85707	Kromer welding caps assorted mix.	7 7/8" Ø = 63 cm.	1/50

Leather welding cap



Leather welding cap, with neck protection, red brown.

Weight 141 gram.

Product nr	Description	Packing
36.49.85753	Leather welding cap, with neck protection, red brown.	1/50

Winter liner



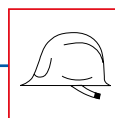
Comfortable winter liners for work in low temperatures environments.

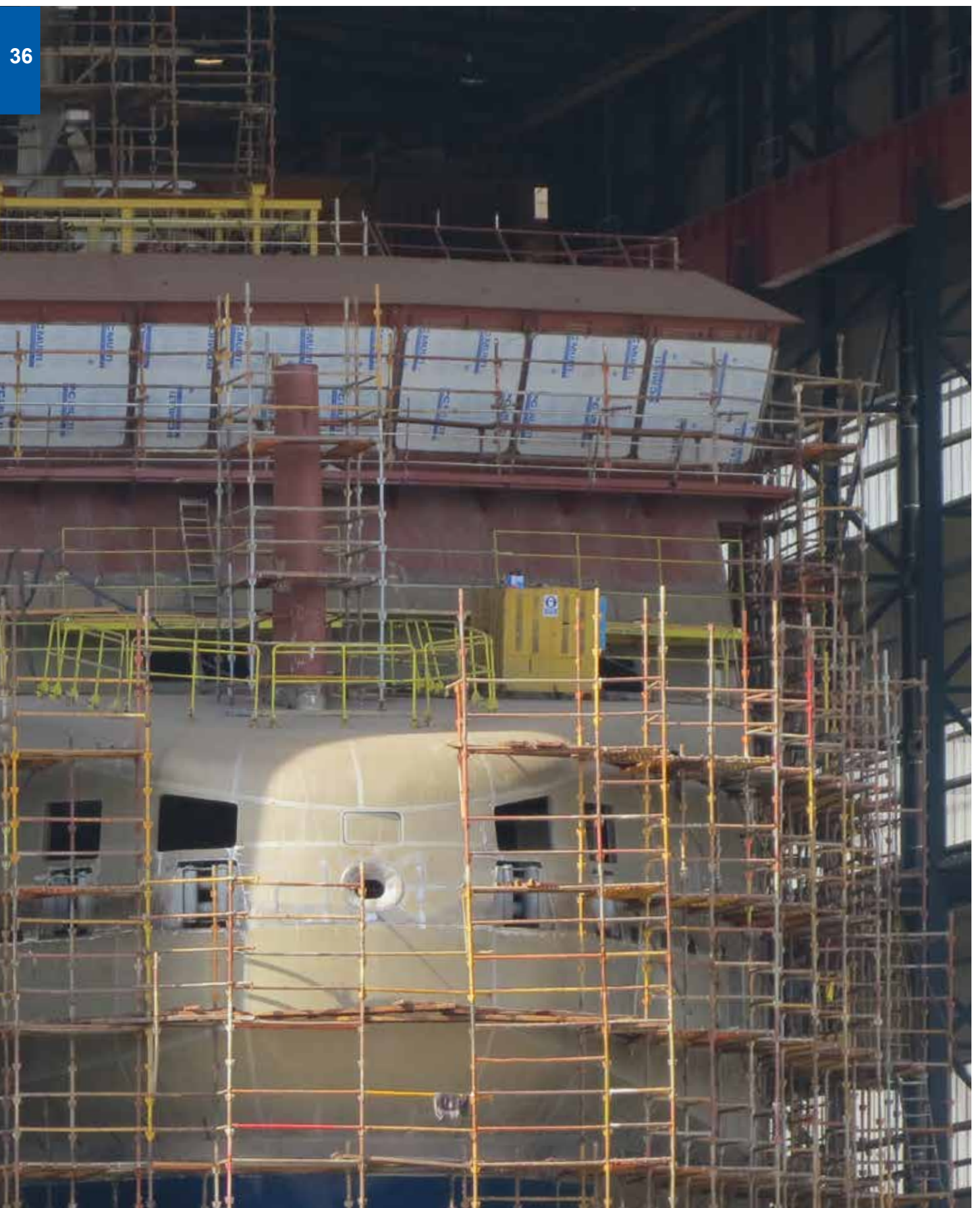
The styroper insulation shell can be fitted between the headgear and the safety cap.

Keeps head and neck warm.

Colour dark blue.

Product nr	Description	Packing
36.49.85805	Winter liner.	1/10



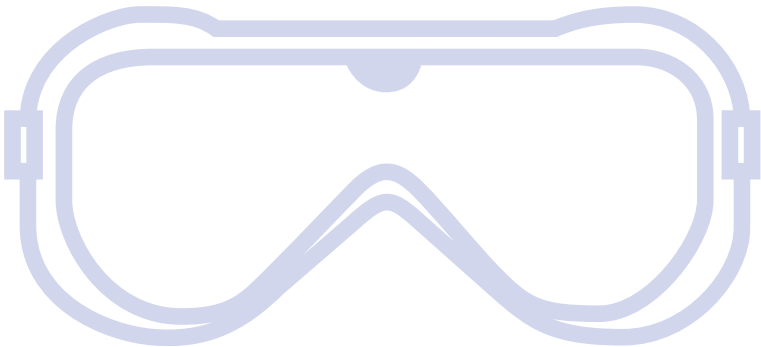
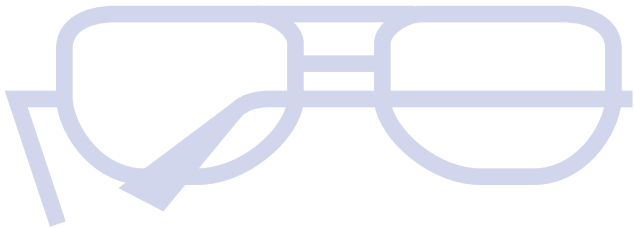


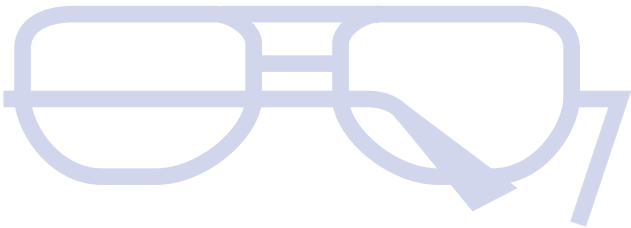
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EYE PROTECTION

Weldsafe Visitor safety spectacles



Safety spectacles available in white and IR colour 5. Lens made from a single piece of polycarbonate which fits almost all contours of the face. Curved frameless model, ergonomic design with indirect ventilation in the arms. Comfortable glasses with a high protection factor.

Weight: 45 grams

EN166:2001 FT

EN 175

Product nr	Description	Packing
39.42.00300	Weldsafe Visitor clear. Box 10 pcs.	1/10
39.42.00305	Weldsafe Visitor IR shade 5. Box 10 pcs.	1/10

Weldsafe Ocean safety spectacles



Safety spectacles available in white and IR colour 5. Lens made from a single piece of polycarbonate which fits almost all contours of the face. Curved model, ergonomic design with adjustable arms. Comfortable glasses with a high protection factor.

Weight: 34 grams

EN166:2001 FT

EN 175

Product nr	Description	Packing
39.42.00460	Weldsafe Ocean clear. Box 10 pcs.	1/10
39.42.00465	Weldsafe Ocean IR shade lens 5. Box 10 pcs.	1/10

Weldsafe Atlantic safety spectacles

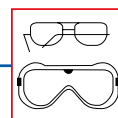


Safety spectacles available in clear, smoke, yellow, blue mirror smoke and green. Stylish and ultra-light model. Lens made from a single piece of polycarbonate.

Weight: 23 grams

EN166:2001 FT

Product nr	Description	Packing
39.42.00970	Weldsafe Atlantic clear. Box 10 pcs.	1/10
39.42.00971	Weldsafe Atlantic smoke. Box 10 pcs.	1/10
39.42.00972	Weldsafe Atlantic amber. Box 10 pcs.	1/10
39.42.00973	Weldsafe Atlantic smoke blue mirror. Box 10 pcs.	1/10
39.42.00978	Weldsafe Atlantic green. Box 10 pcs.	1/10



EYE PROTECTION

Weldsafe Hot Rod safety spectacles



Safety spectacles with different interchangeable lenses, supplied as a set. Set consists of: glasses frame, lenses: white/smoke/amber, clip cord, lens cloth and storage case. Lenses and frame made from reinforced polycarbonate. Lightweight and very comfortable frame with soft rubbers on the arms. Also comes with rubber nose pads that prevent the glasses from slipping off. Fits all contours of the head and face.

Weight: 27 grams

EN166:2001 FT

Product nr	Description	Packing
39.42.01420	Weldsafe Hot Rod set. Box 10 pcs.	1/10

Weldsafe Ræ r safety spectacles

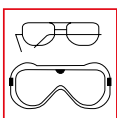


Fashionable safety spectacles offering a comfortable fit. Lenses and frame made from reinforced polycarbonate. Lightweight and very comfortable frame with soft rubbers on the arms. Also comes with rubber nose pads that prevent the glasses from slipping off. Fits all contours of the head and face.

Weight: 30 grams

EN166:2001 FT

Product nr	Description	Packing
39.42.02780	Weldsafe Ræ r blank. Box 10 pcs.	1/10
39.42.02781	Weldsafe Ræ r smoke. Box 10 pcs.	1/10
39.42.02782	Weldsafe Ræ r amber. Box 10 pcs.	1/10
39.42.02786	Weldsafe Ræ r in-/outdoor. Box 10 pcs.	1/10



EYE PROTECTION

Belair visitor spectacles



Belair Super Nulsun visitor spectacles have a plastic frame. The design fits the shape of the face and the polycarbonate lenses can be exchanged. Available with clear and green lenses.

Spare lenses available.

EN 166

Product nr	Description	Packing
39.52.77020	Belair visitor glasses, blank.	1/10
39.52.77030	Belair visitor glasses, green.	1/10

Lenses for Belair visitor spectacles

Product nr	Description	Packing
39.52.77120	Pair of polycarbonate lenses for Belair visitor spectacles, clear.	1/10
39.52.77130	Pair of polycarbonate lenses for Belair visitor spectacles, green.	1/10

39



EYE PROTECTION

Weldsafe Storm goggles



Grinding/acid goggles with polycarbonate lenses. Large safety goggles with a 180° panoramic view. With adjustable headband and lightweight, soft, comfortable and non-ventilated PVC frame. Fits all contours of the head and face.

EN 166 3/4/9/1BT
EN 175

Product nr	Description	Packing
39.42.11080	Weldsafe Storm. Box 10 pcs.	1/10
39.42.11085	Weldsafe Storm IR kleur 5. Box 10 pcs.	1/10

Weldsafe Thunder goggles



Grinding/acid goggles with anti-condensation/polycarbonate lenses. Economic model with indirect ventilation by means of 4 ventilation cups. Fits over most normal glasses. Frame made from comfortable PVC. Fits all contours of the head and face.

EN 166 3/4/9/1BT

Product nr	Description	Packing
39.42.10490	Weldsafe Thunder. Box 10 pcs.	1/10

Grinding goggles Helico



Grinding goggles Helico protect against bumping, dust and liquids. Has clear polycarbonate lens and adjustable elastic headband. Available with ventilation in the form of 4 or 6 ventilation caps on the frame, or ventilation perforation in the frame.

The lenses are clear polycarbonate, clear acetate or anti mist clear acetate.

Product nr	Description	Packing
39.46.72006	Helico with 6 ventilation cups and anti mist acetate lens.	1/200
39.46.72030	Helico with perforated frame and polycarbonate lens.	1/200

Grinding acid goggles Helico Chem 2000



Acid protective goggles with sturdy anti-mist lens. The secluded frame allows usage in areas with chemical dusts, liquids and vapours.

Product nr	Description	Packing
39.58.76100	Helico Chem 2000, anti-mist.	1/200



EYE PROTECTION

Welding/cutting goggles Welico



Welding and cutting goggles with indirect ventilation through 6 ventilation-cups, green acetate lens shade 5 and adjustable headband.

Spare lenses available.

Product nr	Description	Packing
39.55.73020	Welico.	1/200

Welding/cutting goggles Flippo



Flip-up welding goggles for autogenous welding and cutting, with indirect ventilation through 4 or 6 ventilation cups. Welding lens, shade 5, ø 50 mm and spectralite anti-spatter lens ø 50 mm in both the flip-up and the fixed part. Adjustable headband.

Product nr	Description	Packing
39.55.75004	Flippo, 4 ventilation cups, shade 5.	1/200
39.55.75025	Flippo, 6 ventilation cups, shade 10.	1/200

Welding/cutting goggles Multi Safe



Welding goggles for autogenous welding, with direct ventilation, spectralite anti-spatter lenses ø 50 mm and welding lens shade 5, ø 50 mm. With adjustable headband.

Spare lenses available.

Product nr	Description	Packing
39.55.75030	Multi Safe, shade 5.	1/10

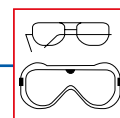
Welding/cutting goggles Weliglas



Welding goggles for autogenous welding and cutting, with indirect ventilation through 6 ventilation cups. Welding lens shade 5. Also suitable over prescription spectacles.

Spare lenses available.

Product nr	Description	Packing
39.55.75050	Weliglas.	1/200



EYE PROTECTION

Welding/cutting goggles



Flip-up welding goggles for autogenous welding and cutting, with indirect unique ventilation system in frame around the lenses. Welding lens shade 5. Also suitable over prescription spectacles.

Spare lenses available.

Product nr	Description	Packing
39.55.95004	Vlamboog welding/cutting goggles.	1/200

Lenses for welding goggles and TIG masks

Welding glass: DIN EN 169 & EN 166

Anti spatter lenses: DIN EN 166

Product nr	Description	Packing
39.55.78003	Lens, round 50 mm, green shade 3.	2/200
39.55.78003	Lens, round 50 mm, green shade 4.	2/200
39.55.78005	Lens, round 50 mm, green shade 5.	2/200
39.55.78006	Lens, round 50 mm, green shade 6.	2/200
39.55.78007	Lens, round 50 mm, green shade 7.	2/200
39.55.78010	Lens, round 50 mm, green shade 10.	2/200
39.55.78011	Lens, round 50 mm, green shade 11.	2/200
39.55.78012	Lens, round 50 mm, green shade 12.	2/200
39.55.78013	Lens, round 50 mm, green shade 13.	2/200
39.55.79051	Hardened glass, clear, round 50 mm.	1/200
39.55.79150	Anti spatter lens CR-39 spectralite, round 50 mm.	1/200
39.55.79152	Lens clear acetate, round 50 mm.	1/200



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Moldex Contours Ear Plugs



Contours earplugs are the ideal protection in case working activities require permanent hearing protection. The disposable Ear Plugs are made from soft PU-foam which makes them extremely comfortable and easy to insert.

Extremely comfortable earplugs.
Anatomical shape that adapts to the ear canal.
Available in two sizes.
Made of soft PU-foam.
Packed in pairs.
Also available in the hygienic dispenser system MoldexStation.

Sound Noise Reduction = 35 dB.

EN 352-2:2002

Product nr	Description	Moldex no.	Packing
42.30.10100	Moldex Contours 35 dB [box 200 pair].	7400	200/2000
42.30.10105	Contours® MoldexStation [500 pair].	7450	500/4000
42.30.10015	Console for Moldex earplug dispenser station [black].	7060	1/8

Moldex Spark Plugs Ear Plugs



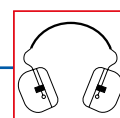
Spark Plugs Ear Plugs are the ideal protection in case working activities require permanent hearing protection. The disposable Ear Plugs are made from soft PU-foam which makes them extremely comfortable and easy to insert.

Appealing colours, tapered design.
Made of soft PU-foam.
Packed in pairs.
Also available in the hygienic dispenser system MoldexStation.

Sound Noise Reduction = 35 dB.

EN 352-2:2002

Product nr	Description	Moldex no.	Packing
42.30.10025	Moldex Spark Plugs 35 dB [box 200 pair].	7800	200/2000
42.30.10005	MoldexSpark Plugs MoldexStation [250 Pair].	7825	250/2000
42.30.10010	MoldexSpark Plugs MoldexStation [500 Pair].	7850	500/4000
42.30.10015	Console for Moldex earplug dispenser station [black].	7060	1/8



HEARING PROTECTION

Moldex Pura-Fit Ear Plugs



Pura-Fit Ear Plugs are the ideal protection in case working activities require permanent hearing protection. The disposable Ear Plugs are made from soft PU-foam which makes them extremely comfortable and easy to insert.

Earplugs for protection against higher noise levels.

Made of soft PU-foam.

Packed in pairs.

Also available in the hygienic dispenser system MoldexStation.
Sound Noise Reduction = 36 dB.

EN 352-2:2002

Product nr	Description	Moldex no.	Packing
42.30.10020	Moldex Pura-Fit 36 dB [box 200 pair].	7700	200/2000
42.30.10080	Moldex Pura-Fit MoldexStation [250 Pair].	7725	250/2000
42.30.10075	Moldex Pura-Fit to go [50 Pair].	7705	50/600
42.30.10015	Console for Moldex earplug dispenser station.	7060	1/8

Moldex MelLows Ear Plugs



MelLows Ear Plugs are the ideal protection in case working activities require permanent hearing protection. The disposable Ear Plugs are made from soft PU-foam which makes them extremely comfortable and easy to insert.

Earplugs for protection against lower noise levels.

Made of soft PU-foam.

Packed in pairs.

Also available in the hygienic dispenser system Moldex Station.
Sound Noise Reduction = 22 dB.

EN 352-2:2002

Product nr	Description	Moldex no.	Packing
42.30.10090	Moldex MelLows 22 dB [box 200 pair].	7600	200/2000
42.30.10095	Moldex MelLows MoldexStation [250 Pair].	7700	250/2000
42.30.10015	Console for Moldex earplug dispenser station.	7060	1/8



HEARING PROTECTION

Moldex Spark Plugs Detect Ear Plugs



Spark Plugs Detect Ear Plugs are the ideal protection in case working activities require permanent hearing protection. The disposable Ear Plugs are made from soft PU-foam which makes them extremely comfortable and easy to insert.

Fully detectable.
Made of soft PU-foam.
Packed in pairs (with cords only).
Sound Noise Reduction = 32 dB.

EN 352-2:2002

Product nr	Description	Moldex no.	Packing
42.30.10070	Moldex Spark Plugs® Detect corded 32 dB [box 200 pair].	7809	200/2000

3M EAR earplugs



After rolling the cylinder shaped earplug between the fingers in a thin roll, the earplug will slowly expand in the auditory duct until the full duct is filled and fully closed. Made of polymere foam.
Packed per pair.

Sound Noise Reduction = 28 dB.

Product nr	Description	Packing
42.40.70001	Earplugs, packed per pair, 250 pair in a box.	250

Moldex Rockets Earplugs



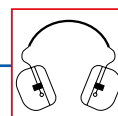
Rockets Earplugs are reusable quality ear protection. The reusable Earplugs are made from soft TPE-material which makes them particularly comfortable and easy to insert.

Washable and reusable earplugs.
Made of soft, TPE material which is gentle on the skin.
Air-cushioned tip.
Soft flexible design.
Solid handle ensures easy insertion and removal of plugs.
Comes with handy PocketPak storage container.
Also available corded.

Sound Noise Reduction = 30 dB.

EN 352-2:2002

Product nr	Description	Moldex no.	Packing
42.30.10055	Moldex Rockets 30 dB, packed per pair box 50 pair.	6400	50/200
42.30.10050	Moldex Rockets Cord 30 dB, packed per pair box 50 pair.	6401	50/200



Moldex WaveBand Banded Earplugs



WaveBand Banded Earplugs advanced design, the modern lightweight concept makes it more accessible to wear. The material of two sorts of the brace reduces the conduct of sound. The earplugs have an Anti-decibel coating and increase safety and hygiene. This benefits the comfort in the wearing of foam plugs.

Anatomically designed banded earplugs.
Worn under the chin to allow freedom of movement without contact sounds.

Dual material design with grip points.

Extremely lightweight – only 12 g.

Band pressure only 1,2 N for high level of comfort.

Replacement pods are available separately.

Sound Noise Reduction = 27 dB.

EN 352-2:2002

Product nr	Description	Moldex no.	Packing
42.30.10003	1 WaveBand 1K - 27 dB [box 8 pcs].	6810	8/80
42.30.10004	2 WaveBand 2K - 27 dB [box 8 pcs].	6800	8/80
42.30.10002	3 Replacement pods WaveBand [box 50 pair].	6825	50/500

Moldex Jaz Band 2 Banded Earplugs



Band 2 Banded Earplugs advanced design, the modern lightweight concept makes it more accessible to wear. The material of two sorts of the brace reduces the conduct of sound. The earplugs have an Anti-decibel coating and increase safety and hygiene. This benefits the comfort in the wearing of foam plugs as well as the comfort.

Increased comfort through reduced band pressure and improved pods.

Banded earplugs with dual material design.

Practical grip points.

Neck cord with safety release mechanism.

Replacement pods are available separately.

Sound Noise Reduction = 23 dB.

EN 352-2:2002

Product nr	Description	Moldex no.	Packing
42.30.10001	Band 2 - 23 dB [box 8 pcs].	6700	8/80
42.30.10002	Replacement pods Band 2 [box 50 pair].	6825	50/500



HEARING PROTECTION

Moldex earmuffs M4



M4 Earmuffs

High quality, robust Ear Muff
Attenuation 30 dB [SNR]
Particularly low profile
Light and flexible, with low contact pressure
Comfort cushions made from viscoelastic foam
Ribbed air cushions for cool comfort
Plain surface for easy cleaning
We suggest to replace the cushions & foam inserts every 6 months [Part No 6115]

Tested and certified to EN 352-1:2002

42

Product nr	Description	Moldex no.	Packing
42.30.10036	Earmuffs M4.	6110	1/10



**All Moldex products
are available at
de Vlamboog!**



HEARING PROTECTION

Moldex earmuffs M5



M5 Earmuffs

High quality, robust Ear Muff
High attenuation at 34 dB [SNR]
Light and flexible, with low contact pressure
Comfort cushions made from viscoelastic foam
Ribbed air cushions for cool comfort
Plain surface for easy cleaning
We suggest to replace the cushions & foam inserts every 6 months [Part No 6135]

Tested and certified to EN 352-1:2002

Product nr	Description	Moldex no.	Packing
42.30.10037	Earmuffs M5.	6120	1/10

Moldex earmuffs M6



M6 Earmuffs

High quality, robust Ear Muff
Particularly high attenuation at 35 dB [SNR]
Light and flexible, with low contact pressure
Comfort cushions made from viscoelastic foam
Ribbed air cushions for cool comfort
Plain surface for easy cleaning
We suggest to replace the cushions & foam inserts every 6 months [Part No 6135]

Tested and certified to EN 352-1:2002

Product nr	Description	Moldex no.	Packing
42.30.10038	Earmuffs M6.	6130	1/10



HEARING PROTECTION

Moldex earmuffs M1



Moldex Earmuffs are extremely comfortable and are made to resist even the most extreme conditions. A focus on design makes our Ear Muffs not only easy to use but they look great.

Ear Defenders are ideal to protect from intermittent noise or for people who cannot achieve a safe and comfortable fit with Earplugs. Aside from the protection level it's often an individual's choice whether they prefer wearing Earmuffs or Plugs.

High quality earmuffs.
Soft coat material with exclusive metallic colour.
Six adjustment points.
Padded steel headband, comfortable and robust.
Folds into compact size for easier storage and hygiene.
We suggest to replace the cushions & foam inserts (6105) at 6 monthly intervals.

Sound Noise Reduction = 31 dB.

EN 352-2:2002

Product nr	Description	Moldex no.	Packing
42.30.10035	Moldex M1 - 33dB.	6100	1/10

Moldex earmuffs M2



Moldex Earmuffs are extremely comfortable and are made to resist even the most extreme conditions. A focus on design makes our Ear Muffs not only easy to use but they look great.

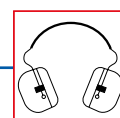
Ear Defenders are ideal to protect from intermittent noise or for people who cannot achieve a safe and comfortable fit with Earplugs. Aside from the protection level it's often an individual's choice whether they prefer wearing Earmuffs or Plugs.

Practical earmuffs.
Soft coat material with exclusive metallic colour.
Moulded cup grips make fitting and alignment quick and easy.
Wide range of cup adjustment gives excellent pressure distribution for all sizes.
We suggest to replace the cushions & foam inserts (6105) at 6 monthly intervals.

Sound Noise Reduction = 28 dB.

EN 352-2:2002

Product nr	Description	Moldex no.	Packing
42.30.10030	Moldex M2 - 28 dB.	6200	1/10



HEARING PROTECTION

Moldex earmuffs Z2



Moldex Earmuffs are extremely comfortable and are made to resist even the most extreme conditions. A focus on design makes our Ear Muffs not only easy to use but they look great.

Ear Defenders are ideal to protect from intermittent noise or for people who cannot achieve a safe and comfortable fit with Earplugs. Aside from the protection level it's often an individual's choice whether they prefer wearing Earmuffs or Plugs.

Practical earmuffs.

Price-optimised alternative to M2.

Moulded cup grips make fitting and alignment quick and easy.

Wide range of cup adjustment gives excellent pressure distribution for all sizes.

We suggest to replace the cushions & foam inserts (6105) at 6 monthly intervals.

Sound Noise Reduction = 28 dB.

EN 352-2:2002

Product nr	Description	Moldex no.	Packing
42.30.10029	Moldex Z2 - 30dB.	6220	1/10

Bilsom Clarity C1H ear protectors



BILSOM Clarity C1H, light blue.

Grey-blue ear protectors that still allow you to hear speech.

Can be attached in the slot on the safety helmet using 3 different types of adapters (supplied).

H=26dB, M=23dB, L=19dB, SNR=26dB.

H= high tonal range; M=medium tonal range;

L=low tonal range; SNR=Single Number Rating.

EN 352-1

Product nr	Description	Packing
42.31.29484	Clarity C1H Earmuffs, per pair.	1/10



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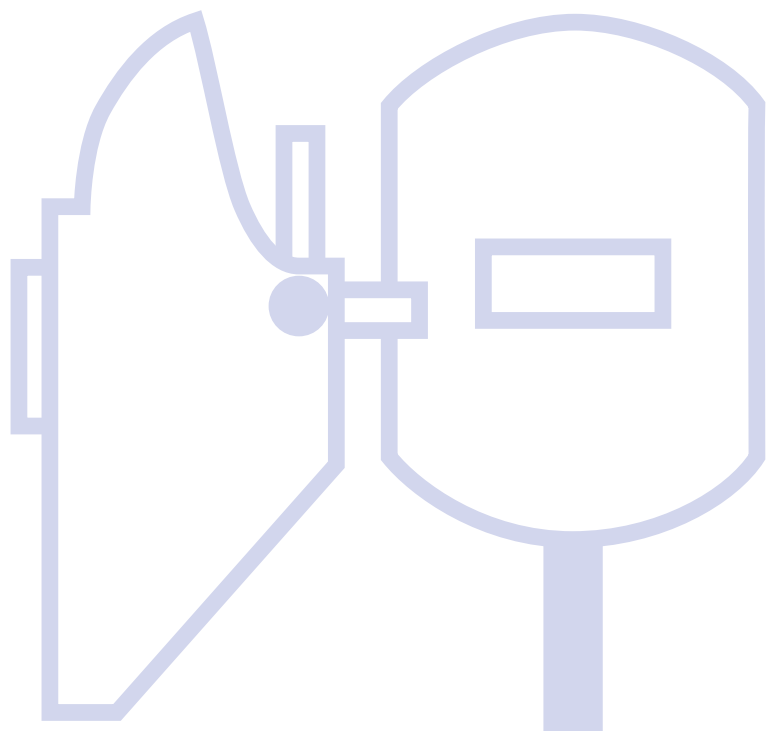
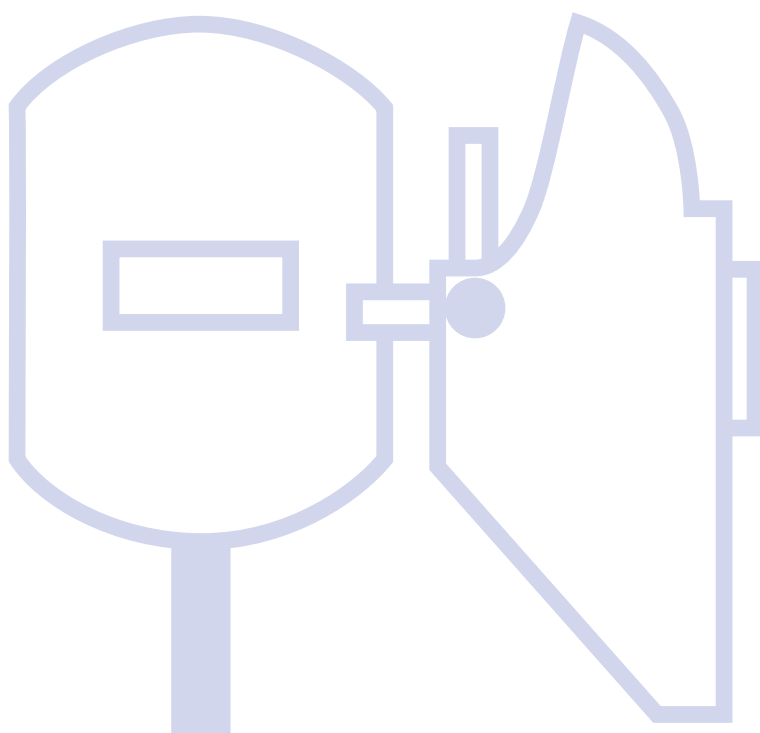


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WELDING HELMETS AND WELDING HANDSHIELDS

44



Multi Vision Grind



The Multi Vision Grind is a lightweight welding helmet appropriate for most welding, cutting and gouging activities. The helmet gives a maximum protection of the eyes and face against sparks and spatter and optical and heat radiation. This is combined with an optimal wearing comfort, easy use and a long-life. The Multi Vision Grind welding helmet comes with an automatic cartridge that has three adjustable options by which the light sensitivity, shade colour and opening speed can be altered. The Multi Vision Grind welding helmet:

- Maximum protection.
- Optimal wearing comfort.
- Extreme Clear view.
- Fully adjustable.
- Very fast reaction time.
- Long-life.
- Different colours.
- Appropriate for all welding activities.

The Multi Vision Grind welding helmet is made of high quality heat resistant material. The design of the helmet gives optimal protection against welding smoke.

The head harness is fully adjustable for optimal wearing comfort. The shade colour is continuously variable from 9 to 13 even during welding.

When open the shade colour of the cartridge is 3.

The automatic cartridge is powered by solar cells as a result of which battery replacements are things of the past.

The two sensors on the cartridge provide an extremely fast reaction time.

EN 175 B9

EN 379 1/3/1/2

Product nr	Description	Packing
44.47.50265	Multi Vision Grind Carbon with cartridge 3,5/9-13.	1

Multi Vision Grind Cartridge



Cassette specifications:

ADF: 9-13 with grinding shade 3,5

Cassette size : 110 x 90 x 8,5 mm

Viewing area: 96 x 42 mm

Sensors: 2

Light sensitivity: adjustable (stepless)

Filter shade: adjustable DIN 3,5 and from DIN 9 to DIN 13, stepless

Energy: solar cells & lithium back up battery

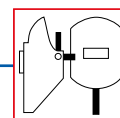
Switching time: 0,1 ms

Clearing time: 0,1 - 0,9 sec, adjustable (stepless)

Temp. range: -10 to +55 degrees Celsius

Optical class EN379: 1/3/1/2

Product nr	Description	Packing
44.47.51482	Multi Vision Grind Cartridge 3,5/9-13.	1



Multi Vision Xchange, flip-up with ADF or welding glass



The Multi Vision Xchange is a lightweight Multi Vision welding helmet with unique features. The flip-up holder contains a superior DIN shade-10 automatic cassette with a clear DIN shade-3 neutral position (included). The class 1/1/1/1 cassette in the flip-up holder can at any time be changed for regular welding glass. In other words: this welding helmets offers max. flexibility and a prolonged product lifetime.

ADF cassette specifications

- Cassette: shade 10 and 3
- Optical class: 1/1/1/1 EN 379
- Viewing area: 92 x 35 mm
- Cassette: 108x51x5 mm
- Sensors: 2
- Energy: solar cells & back up battery
- Switching time: 0,8 ms light to dark
- Switching time: 0,25 - 0,45 second dark to light
- Temp. range: -5 to +55 degrees Celsius
- For TIG: 35A AC & 35A DC

EN 175 S

EN 379 1/1/1/1

Product nr	Description	Packing
44.47.50308	Multi Vision Xchange flip-up helmet with ADF shade 10 / 3.	1

Multi Vision Xchange ADF Cartridge



Cartridge for MultiVision Xchange 51x108mm flip-up helmets.

ADF cassette specifications

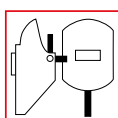
- Cassette: shade 10 and 3
- Optical class: 1/1/1/1 EN 379
- Viewing area: 92 x 35 mm
- Cassette: 108 x 51 x 5 mm
- Sensors: 2
- Energy: solar cells & back up battery
- Switching time: 0,8 ms light to dark
- Switching time: 0,25 - 0,45 second dark to light
- Temp. range: -5 to +55 degrees Celsius
- For TIG: >35 Amp. AC & >35 Amp. DC

EN 379 1/1/1/1

Product nr	Description	Packing
44.47.51410	Cartridge Multi Vision Xchange 108 x 51 x 5 mm, shades 3 and 10.	1

Multi Vision Grind anti-spatter lenses

Product nr	Description	Packing
44.58.65300	Set 10 pcs. inner anti-spatter lenses Multi Vision Grind.	1
44.58.65350	Set 10 pcs. outer anti-spatter lenses Multi Vision Grind.	1
44.58.65335	Central anti-spatter lens 90 x 110 mm Multi Vision Grind.	1
44.58.60015	Complete set anti-spatter lenses Multi Vision Grind : 1x inner 1x outer 1x central lens.	1



Multi Vision welding helmet, fix



The Multi Vision is a light-weight welding helmet. Optimal user comfort, easy to use and a long lifetime. The unique design facilitates the option of a wide variety of lens holders. Is supplied complete with head harness, sweatband and welding lens shade 10. Available for various sizes of welding lenses.

EN 175 S

Product nr	Description	Lens size	Packing
44.43.61000	Multi Vision welding helmet complete, fix.	90 x 110 mm.	1/10
44.43.61010	Multi Vision welding helmet complete, fix.	51 x 108 mm.	1/10

Multi Vision welding helmet, flip-up



The Multi Vision is a light-weight welding helmet. Optimal user comfort, ease in usage and a long lifetime. Complete with head harness, sweatband and flip-up lens holder welding lens shade 10. Available for various sizes of welding lenses with and without leather chest protector.

EN 175 S

Product nr	Description	Lens size	Packing
44.43.61020	Multi Vision welding helmet complete, flip-up.	51 x 108 mm.	1/10
44.43.61026	Multi Vision welding helmet complete, flip-up.	55 x 110 mm.	1/10
44.43.61027	Multi Vision welding helmet complete, flip-up.	60 x 110 mm.	1/10

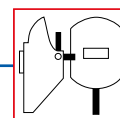
Multi Vision welding helmet, flip-up with chest protection



The Multi Vision flip-up with chest protection is a light-weight welding helmet. Optimal user comfort, ease in usage and a long lifetime. Complete with head harness, sweatband and flip-up lensholder welding lens shade 10. Available for various sizes of welding lenses with and without leather chest protector.

EN 175 S

Product nr	Description	Lens size	Packing
44.43.61023	Multi Vision welding helmet complete, flip-up with leather chest protection.	51 x 108 mm.	1/10



Multi Vision welding helmet, unassembled

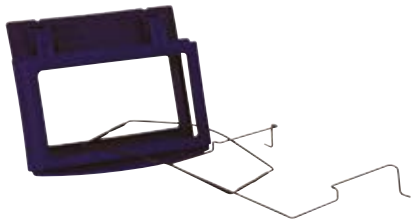


The Multi Vision is a light-weight welding helmet. Optimal user comfort, easy in use and a long lifetime. The unique design facilitates the option of a wide variety of lensholders. The economical unmounted units save on transport and storage costs. Minimum quantity to order 10 pieces.

EN 175 S

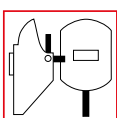
Product nr	Description	Lens size	Packing
44.43.61015	With fixed lensholder.	51 x 108 mm.	10
44.43.61025	With flip-up lensholder.	51 x 108 mm.	10
44.43.61035	With fixed lensholder.	90 x 110 mm.	10
44.43.61037	With flip-up lensholder.	60 x 110 mm.	10

Welding helmets Multi Vision spare parts



Because of the wide variety of spare parts the Multi Vision welding helmets can be used in many welding processes and repairs can be handled swift and fast.

Product nr	Description	Lens size	Packing
44.44.61055	Frame.	51 x 108 mm.	1/25
44.44.61060	Frame.	55 x 110 mm.	1/25
44.44.61065	Frame.	60 x 110 mm.	1/25
44.44.61507	Spring for flip-up part of insert.	51 x 108 mm.	1/25
44.44.61525	Side knob blue for head harness.		1/500
44.44.61530	Head harness complete with sweatband, Euromodel.		1/40
44.44.61600	Frame.	91 x 110 mm.	1/25
44.44.61601	Fixed lens holder.	51 x 108 mm.	1/200
44.44.61602	Flip-up lens holder.	51 x 108 mm.	1/100
44.44.61605	Cover spring inner side for automatic cassettes, inserts & lens holders.	90x110/51x108.	1/25
44.44.61610	Sweatband, self adhesive, wide model.		1/10
44.44.61612	Sweatband, self adhesive, small model.		10/100
44.44.61617	Cover frame (outside) for Spectralite anti-spatter lens.	90 x 106 mm.	1/25
44.44.61620	Body including covering spring.		1/20
44.44.61621	Body including covering spring and mounted leather chest protection.		1/10
44.44.61623	Leather chest protector, with snip snap on nails and rings.		1/10
44.44.70000	Leather sweatband for welding helmets, deluxe wide type.		1/10
44.44.61520	Spring clip for 60 x 110 mm and 55 x 110 mm.		1/25
44.44.61611	Sweatband blue with velcro strip.		1/10
44.44.61680	Snapnagel		1/1
44.44.61681	Circlip		1/1



WELDING HELMETS AND WELDING HANDSHIELDS

Multi Vision flip-up with safety helmet connector



Welding safety helmet combinations. Optionally a leather welding spatter protector is available that prevents spatters from falling between the welding helmet and the safety helmet.

Safety helmet not included.

EN 175 S

Product nr	Description	Packing
44.46.60580	Multi Vision with flip-up insert and Speedy 5000 quick lock, 51 x 108 mm.	1/10

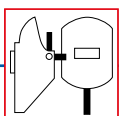
Quick fastener for welding helmet safety helmet combination



The spare parts of the quick connect system offer the option to change a standard welding helmet into a welding helmet that can be fitted on a safety helmet.

Product nr	Description	Packing
44.46.63517	Speedy quick lock for Multi Vision.	1/10

44



Optrel Vegaview



Welding mask with extra bright view in the light state (shade level SL 2.5), true colour filter, automatic darkening filter, infinite shade level selection from SL 8 – SL 12, grinding mode operation, infinite adjustable delay from 0.1 s to 1.0 s, LED warning for low battery and grind mode.

Light transmittance

Ultraviolet-/infrared protection (maximum at any shade setting)
Infinite exterior shade level setting
Visible range activated: shade level 8 - 12
Visible range not activated: shade level 2.5

Power supply

2 pcs LI-batteries 3V exchangeable (CR2032)

Operating time batteries

Approx. 3000 hours (operating)

Sensors

3 sensors, variable detection angle with movable sensor slider

Switching time

Light to dark: 0.100 ms at room temperature, 0.070 ms at 55°C
Dark to light: from 0.1 s to 1.0 s adjustable

Shape stability

Welding mask: up to 220°C / 428°F
Front cover lens: up to 137°C / 279°F

Protection for ADF

Reflection free front cover lens and inside cover lens

Operating temperature: -10°C to +70°C

Storage temperature: -20°C to +80°C

Weight

Welding helmet: 482 g, 17.002 oz

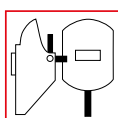
Application ranges

Any electric arc welding process Electrode Welding (Stick Welding, SMAW) / MIG / MAG (GMAW) / GMAW High melting rate process / Flux Cored Wire Welding / TIG welding (GTAW) / Plasma Arc Welding / Plasmacutting & Oxy-gas Welding
Prohibited for laser welding!
Grind mode at light state SL 2.5

EN 379 1/1/1/2

EN 175 B (120m/s impact resistance)

Product nr	Description	Optrel no.	Packing
44.49.91250	Optrel Vegaview 2.5 welding helmet	1006.600	1/1
44.49.91255	Optrel Vegaview 2.5 welding helmet with hard cap	1006.650	1/1
44.49.91260	Optrel Vegaview 2.5 welding helmet shell	5001.635	1/1



Optrel Cartridge Vegaview



Light transmittance

Ultraviolet-/infrared protection (maximum at any shade setting)
Infinite exterior shade level setting
Visible range activated: shade level 8 - 12
Visible range not activated: shade level 2.5

Power supply

2 pcs LI-batteries 3V exchangeable (CR2032)

Sensors

3 sensors, variable detection angle with movable sensor slider

Switching time

Light to dark: 0.100 ms at room temperature, 0.070 ms at 55°C
Dark to light: from 0.1 s to 1.0 s adjustable

Shape stability

Front cover lens: up to 137°C / 279°F

Protection for ADF

Reflection free front cover lens and inside cover lens

Operating temperature: -10°C to +70°C

Storage temperature: -20°C to +80°C

EN 379 1/1/1/2

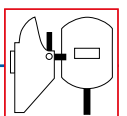
Classification Optical class: 1

Scattered light: 1

Homogeneity: 1

Angular dependence: 2

Product nr	Description	Optrel no.	Packing
44.49.91270	ADF Cartridge Optrel Vegaview	5012.470	1/1



Optrel e684 fully automatic welding helmet



The modern welder needs protective equipment optimised for maximum performance and efficiency. In order to allow welders to work with as few interruptions as possible, welding machine manufacturers are increasingly adding remote control to their welding torches. But how does this affect the welder who needs to control his shade level? If the welder has to manually adapt his shade level, the process will be interrupted once more. If he leaves the shade level setting unchanged, comfort levels plummet – e684 is the perfect solution.

Unique sensor technology allows the darkening filter to automatically select the shade level and continually adapts this to the relevant application and arc intensity during welding. Fine adjustment also allows the welder to adapt the automatically selected shade level to his personal eye sight sensitivity. All of which means the welding process isn't interrupted at all. Maximum efficiency and comfort are guaranteed.

Total weight 500 g

EN379 1/1/1/1

EN175 B (120m/s impact resistance)

Product nr	Description	Optrel no.	Packing
44.49.91760	Optrel e684, gray/green.	1006.500	1/1
44.49.91765	Optrel e684 Welding helmet & Hard hat.	1006.550	1/1

Optrel Cartridge e684



Cartridge details:

Size of darkening filter/field of vision: 90x110x7mm / 50x100mm
Eye protection: Maximum UV and IR protection with every shade level setting

Time taken to switch from light to dark: 0.170 ms at room temperature 0.110 ms at 55 °C

Time taken to switch from dark to light: 0.1 – 2.0 s with patented twilight technology

Energy supply: Solar cells and batteries (2x CR203), no need to switch on and off

Battery life: Around 3000 hours (operation)

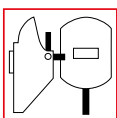
Working temperature: –10 °C to +70 °C

Guarantee: 2 years from date of sales for manufacturing and material defects (except batteries). 1 additional year after online registration within the first 6 months. www.optrel.com/register

Certificates: CE, ANSI, AS/NZS, EAC, complies with CSA Z94.3

EN379 1/1/1/1

Product nr	Description	Optrel no.	Packing
44.49.91770	ADF Cartridge Optrel e684.	5012.480	1/1

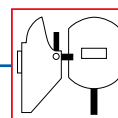


WELDING HELMETS AND WELDING HANDSHIELDS

Optrel e684 spare parts

Product nr	Description	Optrel no.	Packing
44.49.90245	Front cover lens for e600 helmets.	5000.210	2
44.49.90250	Front cover lens for e600 helmets.	5000.212	5
44.49.91705	Inside cover lens for e684.	5000.001	5
44.49.91725	Magnifying lens Diopter 1.00 for e684.	5000.050	1/5
44.49.91730	Magnifying lens Diopter 1.50 for e684.	5000.051	1/5
44.49.91735	Magnifying lens Diopter 2.00 for e684.	5000.052	1/5
44.49.91740	Magnifying lens Diopter 2.50 for e684.	5000.053	1/5
44.49.95325	Complete head band with sweatband.	5003.250	1
44.49.95410	Cotton Sweatband.	5004.073	2
44.49.90255	Leather chest and chin protector.	4028.015	1
44.49.91500	Repair set 1 e600-range.	5003.500	1

44



Optrel automatic welding helmet Optrel Solarmatic Comfort (OSC)



Extra comfortable welding helmet Optrel Solarmatic Comfort (OSC) with automatic colour control from shade 9 till 13. Because of the solar cells there are no on/off switches and battery replacements are not required. A sensorbridge excludes the possible influence of light from other sources. Optrel OSC automatic welding helmets are supplied complete with an unmounted headband. Colour is black.

Switching speed light/dark 0,4 ms at roomtemperature, 0,1 ms at 55 °C. Total weight 480 grams.

EN379: 1/1/1/3

EN175: S (45m/s impact resistance)

Product nr	Description	Optrel no.	Packing
44.49.90105	OSC welding helmet incl. 2 spare anti-spatter lenses (outside).	1000.053	1/1

Optrel Cartridge OSC



Cartridge details:

Size of darkening filter/field of vision: 90x110x7 mm / 38x98 mm
Eye protection: Maximum UV and IR protection with every shade level setting

Time taken to switch from light to dark: 0.4 ms at room temperature 0.1 ms at 55 °C

Time taken to switch from dark to light: Fast 0.1 – 0.35 s

Slow: 0.35 – 0.6 s

Energy supply: Solar cells and batteries, no need to switch on and off

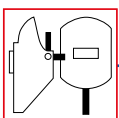
Working temperature: -10 °C to +70 °C

Guarantee: 2 years

Certificates: CE, ECS, ANSI, AS/NZS, GOST-R

EN379: 1/1/1/3

Product nr	Description	Optrel no.	Packing
44.49.93003	Electronic cartridge for OSC welding helmet.	5012.046	1/1

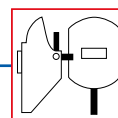


WELDING HELMETS AND WELDING HANDSHIELDS

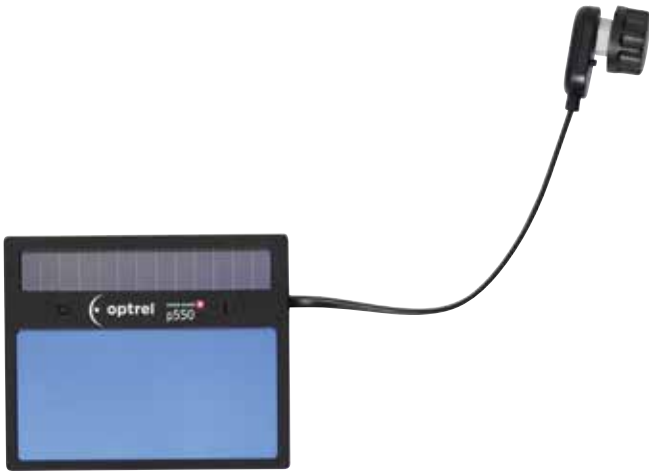
Optrel OSC spare parts

Product nr	Description	Optrel no.	Packing
44.49.95009	Front cover lens OSC.	5000.105	10
44.49.95032	Inside cover lens for OSC.	5000.300	5
44.49.95033	Inside cover lens dark green + 2 shade level for OSC.	5000.350	5/25
44.49.95038	Inside cover lens light green +1.5 shade level for OSC.	5000.400	5/25
44.49.95043	Inside cover lens blue +1 shade level for OSC.	5000.450	5/25
44.49.95050	Magnifying lens Diopter 1.00 for OSC.	5000.500	1/5
44.49.95060	Magnifying lens Diopter 1.50 for OSC.	5000.600	1/5
44.49.95070	Magnifying lens Diopter 2.00 for OSC.	5000.700	1/5
44.49.95080	Magnifying lens Diopter 2.50 for OSC.	5000.800	1/5
44.49.95047	Coverlens for outer anti spatter lens.	5000.490	1/5
44.49.95106	Body, black, without filtercassette for OSC.	5001.055	1/5
44.49.95325	Complete head band with sweatband for OSC.	5003.250	1/5
44.49.95410	Sweatbands for OSC welding helmets.	5004.073	2/100
44.49.95801	Leather chest protector with velcro tape for OSC.		1/5

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Optrel Cartridge p550



Cartridge details:

Size of darkening filter/field of vision: 90x110x7 mm / 50x100 mm
Eye protection: Maximum UV and IR protection with every shade level setting.

Time taken to switch from light to dark: 0.220 ms at room

temperature 0.165 ms at 55 °C.

Time taken to switch from dark to light: 0.25 – 0.7 s, continuously variable selection.

Energy supply: Solar cells and batteries, no need to switch on and off.

Working temperature: -10 °C to +70 °C.

Guarantee: 2 years (not including batteries).

Certificates: CE, ECS, ANSI, GOST-R.

EN379 1/2/1/2

Product nr	Description	Optrel no.	Packing
44.49.96700	Cartridge for Optrel p550.	5012.700	1/1
44.49.96900	Front cover lens for p500 range.	5000.250	5

Optrel Cartridge b020



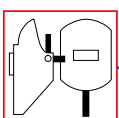
ADF (Automatic Darkening Filter) Cartridge with solar cells (no battery change required) featuring shade level DIN 3/11 or DIN 3/10 for upgrading welding helmets with passive filters to active welding helmets.

Cartridge dimensions: 50,8 x 108 x 5,3 mm (2" x 4 1/4" x 0,21")

Viewing area: 92 x 35 mm (3,62" x 1,38")

Shade level: DIN 3/10

Product nr	Description	Optrel no.	Packing
44.48.24470	Optrel b020 cartridge, 51 x 108 mm, with lens shade 10.	5012.202	1/10
44.48.24477	Lens shade 1 green for Optrel b020 electronic cartridge.	5000.360	5/25
44.48.24476	Inner anti-spatter lens for Optrel b020 electronic cartridge.	5000.324	5/25



Optrel weldCAP



The optrel weldcap® is neither a welding helmet nor a welding mask, the weldcap® stands for an auto-darkening welder's cap that brings together the comfort of a casual cap and the advantages of a full welding helmet. The heart of this innovative product is the optical unit featuring a well-defined nose cut out. Thereby the visual unit is placed closer to the eyes compared to traditional welding helmets, which helps to increase the welder's line of sight by 2.7 times! Moreover, because of this, the weight shifts closer to the centre of gravity so that the weldcap® is excellently counterbalanced and the load on the back of the welder's neck is significantly reduced. The optrel weldcap® weighs only 390 grams, so it is an absolutely lightweight. It relieves the welder of about 200 kg load capacity over a year, when compared to conventional welding helmets. Darkening levels from 9 to 12 cover the majority of welding applications and with a protection level 3 in its general mode, the welder has a bright and well-lit view of the work-place. This feature predestinates the optrel weldcap® for grinding jobs as well. The optrel weldcap® is also completely hygienic. The textile part is robust and easily detachable, and is made of easily-washable, flame retarded fabric.

Type description: Light weight compound welding mask with large viewing area, automatic darkening filter and bright see-through state; shade selection DIN 9 - 12; infinitely variable by an adjustment knob; grinding mode; low battery warning LED.

Power supply: 2 pcs LI-batteries 3V exchangeable (CR2032) No need to switch on-off.

Viewing area:

Viewing angle downwards: +37°

Viewing angle sideways: +25°

Operating time batteries: 1000 h

Sensors: Wide angle detection sensor

Light transmittance: Ultraviolet/infrared protection (maximum at any shade setting) Visible range activated shade level DIN 9-12

Visible range not activated shade level DIN 3

Switching time: Light to dark at room temperature 0.16 ms Light to dark at 55°C / 131°F 0.110 ms Dark to light 0.3

EN 379 1/1/2/2

EN 175 B (120m/s impact resistance)

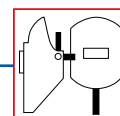
EN ISO 11611 (Class 1)

EN ISO 11612 (Class A/B1/C1/E3/F1)

Product nr	Description	Optrel no.	Packing
44.50.08000	Optrel weldCAP.	5008.000	1/1
44.50.08001	Optrel weldCAP Bump (EN 812/A1)	5008.001	1/1

Optrel weldCAP spare parts

Product nr	Description	Optrel no.	Packing
44.50.00260	Front cover lenses.	5000.260	5
44.50.00040	Inside cover lenses.	5000.040	5
44.50.02700	Nose rest.	5002.700	5
44.50.02800	Textile Cap.	5002.800	1
44.50.02900	optrel Parking Buddy (Belt hook).	5002.900	1



WELDING HELMETS AND WELDING HANDSHIELDS

Weldsafe welding helmet normal model



Vulcan fibre welding helmet with fixed lens holder for lens size 51 x 108 mm. Colour black, water repellent. The Vulcan fibre welding helmet is made out of one piece, has a removable headband and is available with a fixed and flip-up lens holder. Lens included.

EN 175 S

Product nr	Description	Lens size	Packing
44.43.60510	With fixed insert.	51 x 108 mm.	1/10
44.43.60520	With flip-up insert.	51 x 108 mm.	1/10
44.43.60540	With flip-up and leather chest protection.	51 x 108 mm.	1/10

Weldsafe welding helmet baby model



Vulcan fibre baby welding helmet, colour black, water repellent. The Vulcan fibre welding helmet is made out of one piece, has a removable headband and is available with a fixed and flip-up lens holder. Lens included.

The small model makes this helmet especially suitable for welding in confined spaces.

EN 175 S

Product nr	Description	Lens size	Packing
44.43.60550	With fixed insert.	51 x 108 mm.	1/10
44.43.60560	With flip-up insert.	51 x 108 mm.	1/10

Weldsafe welding helmet baby model with leather breast protection

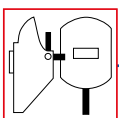


Vulcan fibre baby welding helmet with flip-up lens holder and leather chest protector lens size 51 x 108 mm. Colour black, water repellent. The Vulcan fibre welding helmet is made out of one piece, has a removable headband and is available with a fixed and flip-up lensholder. Lens included.

The leather chest piece protects from welding spatters and prevents the welding smoke from coming in the helmet.

EN 175 S

Product nr	Description	Lens size	Packing
44.43.60590	With flip-up insert, and leather chest protection.	51 x 108 mm.	1/10



WELDING HELMETS AND WELDING HANDSHIELDS

Weldsafe welding helmet spare parts



The various spare parts ensure the longtime use of the Weldsafe welding helmets.

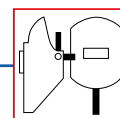
Product nr	Description	Lens size	Packing
44.44.61055	Frame 51 x 108 mm.	51 x 108 mm.	1/25
44.44.61506	Spring for fixed part of insert.		1/25
44.44.61507	Spring for flip-up part of insert.	51 x 108 mm.	1/25
44.44.61508	Assembly screw lensholder.		1/10
44.44.61530	Head harness complete with sweatband, Euromodel.		1/40
44.44.61511	Complete lensholder, fixed.	51 x 108 mm.	1/50
44.44.61512	Complete lensholder, flip-up.	51 x 108 mm.	1/50
44.44.61610	Sweatband with adhesive strip.		1/10
44.44.61622	Leather chest protector, large model, with assembly holes.		1/100
44.44.61625	Leather chest protector, small model for Weldsafe Fibre baby welding helmet, complete with assembly snap-on set.		1/10
44.44.70000	Leather sweatband for welding helmets, wide delux model.		1/10
44.44.61611	Sweatband blue with velcro strip.		1/10

Weldsafe leather welding helmet



Leather Weldsafe welding helmet type 870, redbrown heat resistant impregnated leather, fully Kevlar stitched; flip-up lens holder. The flexibility of the welding helmet makes welding in confined areas possible.

Product nr	Description	Lens size	Packing
44.43.63090	Type 870.	51 x 108 mm.	1/10



WELDING HELMETS AND WELDING HANDSHIELDS

Weldsafe handheld welding shields (Weldy)



Sturdy and durable handheld welding shield. An old faithful shield which has proven its services especially in heavy duty circumstances.

Made of glass fibre reinforced polyester with a removable handle.

EN 175:1997

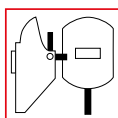
Product nr	Description	Lens size	Packing
44.40.70050	Weldy.	51 x 108 mm.	1/10
44.40.70100	Weldy.	60 x 110 mm.	1/10
44.40.70100	Weldy.	100 x 120 mm.	1/10

Handheld welding shields spare parts



The various spare parts ensure the longtime use of the Weldsafe handheld welding shields.

Product nr	Description	Lens size	Packing
44.44.61053	Removable handle with nut for Handy Vision handheld welding shield.		1/100
44.44.61055	Frame for Weldy and Handy Vision welding shield.	51 x 108 mm.	1/10
44.44.61102	Complete insert for Weldy and Handy Vision handheld welding shield.	100 x 120 mm.	1/50
44.44.61252	Complete insert for Weldy and Handy Vision handheld welding shield.	51 x 108 mm.	1/100



TIG welding masks



TIG welding mask with flip-up welding goggle and leather face protection of 38 cm. With round welding lenses, diameter of 50mm shade 10 in flip-up part and, Spectralite anti spatter lenses in flip-up and fixed part.

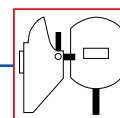
Din 58214: 1997-12

44

Product nr.	Description	Lens size	Packing
44.55.52338	TIG welding mask.	Ø 50 mm	1/5
44.55.52348	TIG welding mask with leather welding cap.	Ø 50 mm	1/5
44.55.52358	TIG welding mask with leather welding cap and neck protector.	Ø 50 mm	1/5

Lenses for welding goggles and TIG masks

Product nr	Description	Packing
39.55.78003	Lens, round 50 mm, green shade 3.	2/200
39.55.78003	Lens, round 50 mm, green shade 4.	2/200
39.55.78005	Lens, round 50 mm, green shade 5.	2/200
39.55.78006	Lens, round 50 mm, green shade 6.	2/200
39.55.78007	Lens, round 50 mm, green shade 7.	2/200
39.55.78010	Lens, round 50 mm, green shade 10.	2/200
39.55.78011	Lens, round 50 mm, green shade 11.	2/200
39.55.78012	Lens, round 50 mm, green shade 12.	2/200
39.55.78013	Lens, round 50 mm, green shade 13.	2/200
39.55.79051	Hardened glass, clear, round 50 mm.	1/100
39.55.79150	Anti spatter lens CR-39 spectralite, round 50 mm.	2/200
39.55.79152	Lens clear acetate, round 50 mm.	1/200



WELDING HELMETS AND WELDING HANDSHIELDS

Leather lens holders

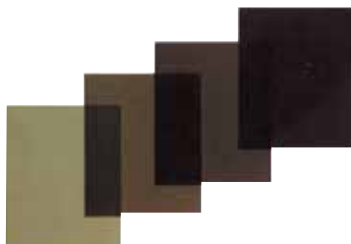


Leather welding lens holder for inspection purposes and for very hard to reach places.

EN ISO 11611:2007

Product nr	Description	Packing
44.52.64465	Leather lens holder model 465, lens size 51 x 108 mm.	1/5

Weldsafe welding lenses



Weldsafe welding lenses with marking of CE and shade nr.
Packed per piece in a transparent bag, wrapped per 10 pieces.
Available in various lens sizes.

Welding and anti spatter lenses in deviating sizes are available on request. Welding and anti spatter lenses up to a size of 30 x 30 cm can be packed by us without the chance to breaking during transport. Larger sizes are delivered Ex works or at the customer's risk.

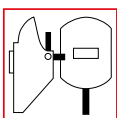
DIN EN 169

Weldsafe welding lenses 50 x 105

Product nr	Description	Packing
44.55.64009	50 x 105 mm, shade 9.	10/100
44.55.64010	50 x 105 mm, shade 10.	10/100
44.55.64011	50 x 105 mm, shade 11.	10/100
44.55.64012	50 x 105 mm, shade 12.	10/100

Weldsafe welding lenses 51 x 108

Product nr	Description	Packing
44.55.64108	51 x 108 mm, shade 8.	10/100
44.55.64109	51 x 108 mm, shade 9.	10/100
44.55.64110	51 x 108 mm, shade 10.	10/100
44.55.64111	51 x 108 mm, shade 11.	10/100
44.55.64112	51 x 108 mm, shade 12.	10/100
44.55.64113	51 x 108 mm, shade 13.	10/100
44.55.64114	51 x 108 mm, shade 14.	10/100



WELDING HELMETS AND WELDING HANDSHIELDS

Weldsafe welding lenses 55 x 110

Product nr	Description	Packing
44.55.64408	55 x 110 mm, shade 8.	10/100
44.55.64409	55 x 110 mm, shade 9.	10/100
44.55.64410	55 x 110 mm, shade 10.	10/100
44.55.64411	55 x 110 mm, shade 11.	10/100
44.55.64412	55 x 110 mm, shade 12.	10/100
44.55.64413	55 x 110 mm, shade 13.	10/100
44.55.64414	55 x 110 mm, shade 14.	10/100

Weldsafe welding lenses 60 x 110

Product nr	Description	Packing
44.55.64208	60 x 110 mm, shade 8.	10/100
44.55.64209	60 x 110 mm, shade 9.	10/100
44.55.64210	60 x 110 mm, shade 10.	10/100
44.55.64211	60 x 110 mm, shade 11.	10/100
44.55.64212	60 x 110 mm, shade 12.	10/100
44.55.64213	60 x 110 mm, shade 13.	10/100
44.55.64214	60 x 110 mm, shade 14.	10/100

Weldsafe welding lenses 90 x 110

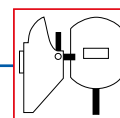
Product nr	Description	Packing
44.55.64308	90 x 110 mm, shade 8.	10/100
44.55.64309	90 x 110 mm, shade 9.	10/100
44.55.64310	90 x 110 mm, shade 10.	10/100
44.55.64311	90 x 110 mm, shade 11.	10/100
44.55.64312	90 x 110 mm, shade 12.	10/100
44.55.64313	90 x 110 mm, shade 13.	10/100

Weldsafe welding lenses 100 x 120

Product nr	Description	Packing
44.55.64508	100 x 120 mm, shade 8.	10/50
44.55.64509	100 x 120 mm, shade 9.	10/10010/50
44.55.64510	100 x 120 mm, shade 10.	10/50
44.55.64511	100 x 120 mm, shade 11.	10/50
44.55.64512	100 x 120 mm, shade 12.	10/50
44.55.64513	100 x 120 mm, shade 13.	10/50
44.55.64514	100 x 120 mm, shade 14.	10/50

Weldsafe welding lenses 114 x 133

Product nr	Description	Packing
44.55.63908	114 x 133 mm, shade 8.	10/50
44.55.63909	114 x 133 mm, shade 9.	10/50
44.55.63910	114 x 133 mm, shade 10.	10/50
44.55.63911	114 x 133 mm, shade 11.	10/50
44.55.63912	114 x 133 mm, shade 12.	10/50
44.55.63913	114 x 133 mm, shade 13.	10/50



WELDING HELMETS AND WELDING HANDSHIELDS

Weldsafe welding lenses with mirror coating



Weldsafe welding lenses with gold-mirror coating, which reflects the heat of the weld and comforts the eye and face. Packed per piece in a transparent bag, wrapped per 10 pieces. Available in various lens sizes.

Meets the requirements of DIN EN 169

Weldsafe welding lenses 51 x 108 mm mirror coating

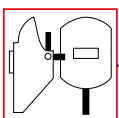
Product nr	Description	Packing
44.55.67007	51 x 108 mm, shade 7.	10/100
44.55.67008	51 x 108 mm, shade 8.	10/100
44.55.67009	51 x 108 mm, shade 9.	10/100
44.55.67010	51 x 108 mm, shade 10.	10/100
44.55.67011	51 x 108 mm, shade 11.	10/100
44.55.67012	51 x 108 mm, shade 12.	10/100
44.55.67013	51 x 108 mm, shade 13.	10/100

Weldsafe welding lenses 90 x 110 mm mirror coating

Product nr	Description	Packing
44.55.67209	90 x 110 mm, shade 9.	10/100
44.55.67210	90 x 110 mm, shade 10.	10/100
44.55.67211	90 x 110 mm, shade 11.	10/100
44.55.67212	90 x 110 mm, shade 12.	10/100

Weldsafe welding lenses 100 x 120 mm mirror coating

Product nr	Description	Packing
44.55.67309	100 x 120 mm, shade 9.	10/100
44.55.67310	100 x 120 mm, shade 10.	10/100
44.55.67311	100 x 120 mm, shade 11.	10/100
44.55.67312	100 x 120 mm, shade 12.	10/100



WELDING HELMETS AND WELDING HANDSHIELDS

Weldsafe goldcoated synthetic welding lenses



Weldsafe gold-coated polycarbonate welding lenses, are unbreakable and lightweight.

Lenses meet the requirements of EN 169.

Weldsafe goldcoated synthetic welding lenses 51 x 108

Product nr	Description	Packing
44.56.69409	51 x 108 mm, shade 9.	1/25
44.56.69410	51 x 108 mm, shade 10.	1/25
44.56.69410	51 x 108 mm, shade 11.	1/25
44.56.69411	51 x 108 mm, shade 12.	1/25

Weldsafe goldcoated synthetic welding lenses 114 x 133

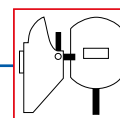
Product nr	Description	Packing
44.56.69610	114 x 133 mm, shade 10.	1/25
44.56.69611	114 x 133 mm, shade 11.	1/25
44.56.69612	114 x 133 mm, shade 12.	1/25

Magnifying welding lens, 51 x 108 mm



The welding magnifier lenses are put on the inside of a welding helmet, they correct and enlarge the viewing area. Specially for welders with prescription glasses.

Product nr	Description	Packing
44.57.64901	Magnifying welding lens 1.0	1/6
44.57.64902	Magnifying welding lens 1.25	1/6
44.57.64903	Magnifying welding lens 1.5	1/6
44.57.64904	Magnifying welding lens 1.75	1/6
44.57.64905	Magnifying welding lens 2.0	1/6
44.57.64906	Magnifying welding lens 2.5	1/6
44.57.64907	Magnifying welding lens 2.25	1/6



WELDING HELMETS AND WELDING HANDSHIELDS

Glass anti-spatter lenses



Anti spatter lenses are made of glass and protect the welding glass or automatic darkening filter against welding spatters.

The anti spatter lenses meet the requirements of EN 166.

Product nr	Description	Packing
44.58.65000	51 x 108 x 2 mm.	1/50
44.58.65001	50 x 105 x 2 mm.	1/50
44.58.65010	82 x 108 x 2 mm.	1/50
44.58.65015	60 x 110 x 2 mm.	1/50
44.58.65020	90 x 110 x 2 mm.	1/50
44.58.65030	100 x 120 x 2 mm.	1/50
44.58.65270	114 x 133 x 2 mm.	1/50

Spectralite anti-spatter lenses



Anti spatter lenses of CR39 resists welding spatters.

The anti spatter lenses meet the requirements of EN 166.

Product nr	Description	Packing
44.58.65302	51 x 108 mm, packed in a bag.	1/100
44.58.65315	55 x 110 mm, packed in a bag.	1/100
44.58.65320	60 x 110 mm, packed in a bag.	1/100
44.58.65325	82 x 108 mm, packed in a bag.	1/100
44.58.65335	90 x 110 mm, packed in a bag.	1/100
44.58.65340	100 x 120 mm, packed in a bag.	1/100
44.58.65350	114 x 133 mm, packed in a bag.	1/100

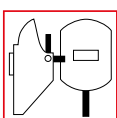
Polycarbonate chipping/anti-spatter lenses Weldsafe



Weldsafe polycarbonate chipping/spatter lenses resists fast moving parts from welding, chipping and grinding activities.

Lenses meet the requirements of EN 166.

Product nr	Description	Packing
44.58.66302	51 x 108 mm.	1/50



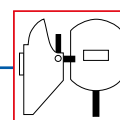


Table for shade selection

Lasproces Welding process Schweisprozess	Amperage / Current / Ampere																							
	0,5	1	2,5	5	10	15	20	30	40	60	80	100	125	150	175	200	225	250	275	300	350	400	450	500
Beklede elektrode Covered electrode Bedekttes Elektrode								9		10		11					12						13	
MIG/staal MIG/steel MIG/Stahl												10		11			12						13	
MIG/non ferro MIG/non ferro MIG/Nicht Eisen												10		11			12		13				14	
TIG TIG WIG						9		10		11		12		13			14							
MAG MAG MAG										10		11		12			13		14				16	
Plasmasnijden Plasma jet cutting Plasma Schneiden												11				12			13					
Plasmaslassen Plasma arc welding Plasma Schweißen	4	5	6	7	8	9	10	11		12				13					14				15	
Gutsen Gouching Fugen														10		11		12		13		14		15
	0,5	1	2,5	5	10	15	20	30	40	60	80	100	125	150	175	200	225	250	275	300	350	400	450	500

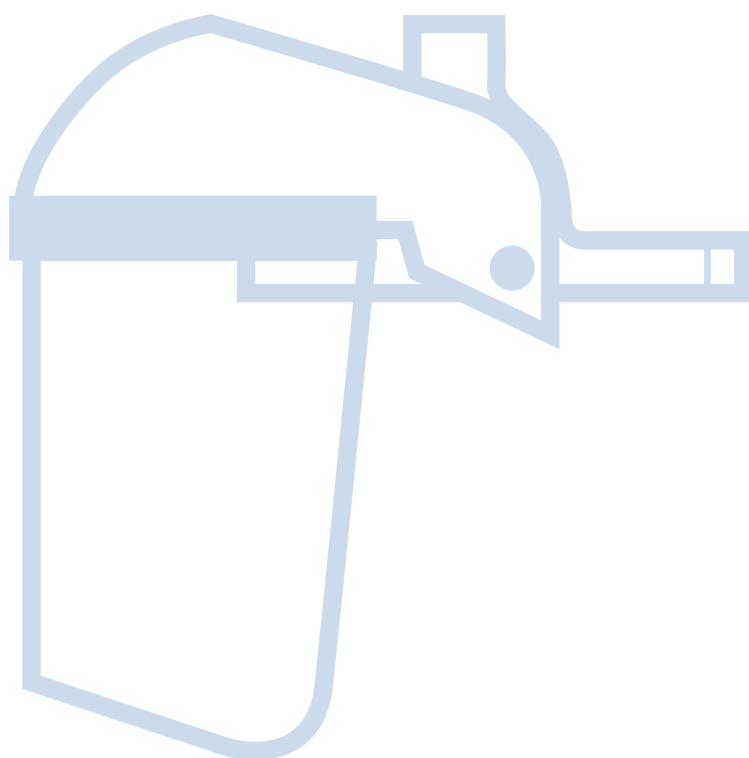
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FACIAL PROTECTION

Face shields

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FACIAL PROTECTION

Weldsafe face shield with safety helmet



Helmet with face shield to protect the face against particles. For grinding, light welding and working with chemicals. The shields can be lifted and are available in clear polycarbonate, or in green colour with shade 2 and 5.

Shield clear: EN 166

Shield shade 3: EN 166/169/170/171

Shield shade 5: EN 166/169/170/171

Helmet: EN 397: 1995

Product nr	Description	Packing
47.42.65200	Weldsafe blue safety helmet with face shield protection clear.	1
47.42.65203	Weldsafe blue safety helmet with face shield protection green, shade 3.	1
47.42.65205	Weldsafe blue safety helmet with face shield protection green, shade 5.	1
47.42.65250	Weldsafe white safety helmet with face shield protection clear.	1
47.42.65253	Weldsafe white safety helmet with face shield protection green, shade 3.	1
47.42.65255	Weldsafe white safety helmet with face shield protection green, shade 5.	1
47.42.00014	Face shield protection adapter.	1/50

Weldsafe face shields complete



Complete face shields to protect the face against particles. For grinding, light welding and working with chemicals. The shields can be lifted and are available in clear polycarbonate, or in green colour with shade 2 and 5.

VBG10: Face Shield Holder

- Lightweight and unique design
- Fits over most face shield
- Ratchet adjustment browguard
- 7-position harness strap
- 3-position crown angle-adjustment

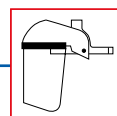
Shield clear: EN 166

Shield shade 3: EN 166/169/170/171

Shield shade 5: EN 166/169/170/171

Blue holder: EN 175

Product nr	Description	Packing
47.42.65010	Face shields complete with clear lens.	1/10
47.42.65015	Face shields complete with shade 3 lens.	1/10
47.42.65020	Face shields complete with shade 5 lens.	1/10
47.42.00010	Face shield holder blue.	1/10



FACIAL PROTECTION

Weldsafe face shield bullet



Complete face shields to protect the face against particles.

Face shield Weldsafe "bullet"

- High impact bullet shape polycarbonate visor.
- Fits with most browguard.

EN 166 1BT for blank

EN 166 for shade 3 and 5

EN 169 for shade 3 and 5

EN 170 for shade 3 and 5

EN 171 for shade 3 and 5

Product nr	Description	Packing
47.42.01010	Face shields blank.	10/50
47.42.01013	Face shields shade 3.	10/50
47.42.01015	Face shields shade 5.	10/50

RSG T-AirVisor headtops

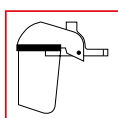


The T-AirLine Series headtops offer lightweight and comfortable protection in many industrial applications. The T-AirLine range is manufactured in accordance with the latest respiratory regulations. It provides protection for eye and face and is ideal in environments where the highest possible levels of protection are required.

T-AirVisor compressed air:

EN 14594, class 3A/3B (49.26.14053 & 49.26.14100) in combination with regulator valve and Airline filter.

Product nr	Description	Typenr.	Packing
49.26.14053	RSG T-AirVisor and regulator kit	614100-00	1/1
49.26.14100	RSG T-AirVisor compressed air	614100	1/1
49.26.60215	RSG T-AirVisor, headgear with airduct	660215	1/1



Optrel g300 grinding helmet



The new optrel g300 grinding helmet is the perfect addition to your welding helmet to create an even more pleasant and efficient working environment! Hereby optrel completes its respiratory protection products portfolio for demanding welding and grinding work at the highest level.

180° panoramic view

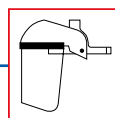
Extended panoramic view of 180° provided by a large, concave, clear protective visor. The protective visor can be quickly and easily changed, if required. Weighs just 520g, a real lightweight.

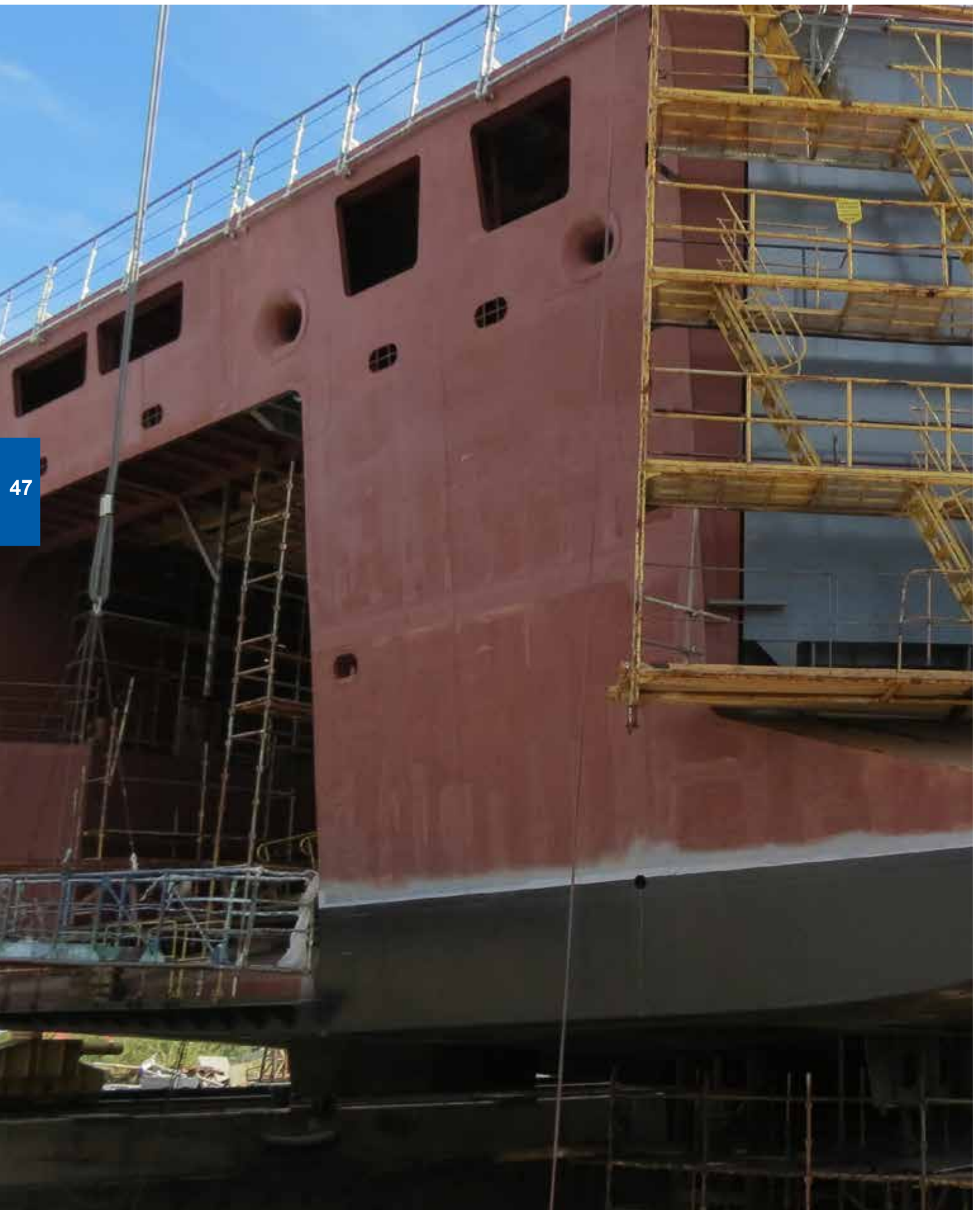
Protection class

When encountering harsh ambient conditions with smoke dust and vapour a highly efficient powered air respiratory system is indispensable in order to keep the welder healthy.

Classification	Optical class 1
Shape stability	Grinding mask up to 220°C / 428°F Front cover lens up to 137°C / 279°F
Helmet colour	black unpainted
Operating temperature	-10°C to + 70°C / 14°F to 158°F
Storage temperature	-20°C to + 80°C / -4°F to 176°F
Weight	530 g / 18,695 oz
Standards	EN 166 / EN 169 / EN 170 / EN 12941:1998 TH3

Product nr	Description	Packing
49.49.70000	Optrel g300 PAPR grinding helmet	1/1
49.49.65500	Optrel e3000 blue	1/1
49.49.65500-L	Optrel e3000 blue (longlife)	1/1
49.49.65500-G	Optrel e3000 green	1/1
49.49.65500-GL	Optrel e3000 green (longlife)	1/1
49.49.70005	Optrel Head band g300	1/1
49.49.70010	Optrel Cotton sweat band g300	1/1
49.49.70015	Optrel Face seal g300	1/1
49.49.70020	Optrel Clear front cover lens g300, 10 pcs	1/1
49.49.70025	Optrel Cover lens SL 5 for g300, 10 pcs	1/1





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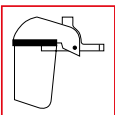
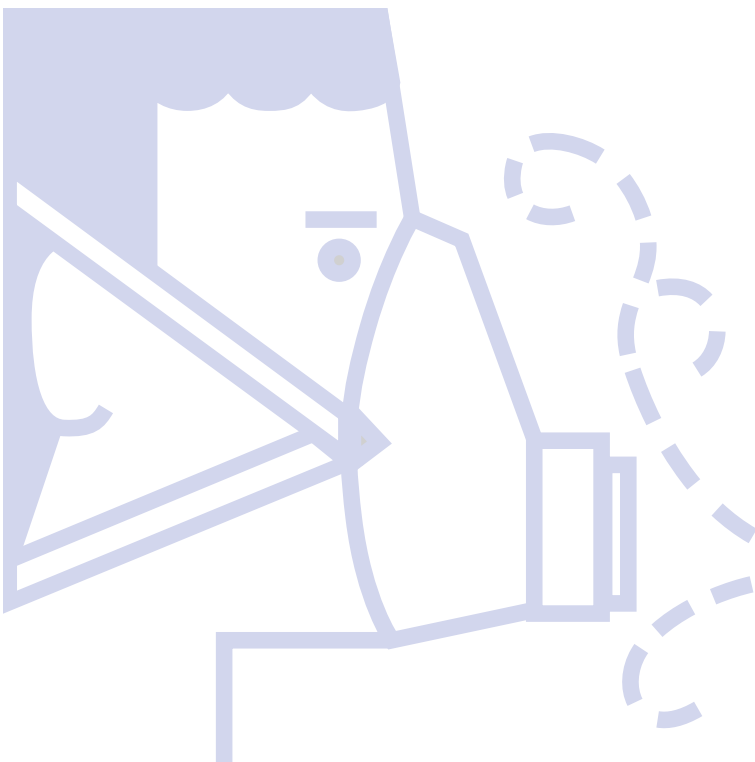


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BREATHING PROTECTION

PAPR Multi C²Air complete



The Multi C²Air combined with the Multi Vision fresh air welding helmet creates the perfect combination between facial and respiratory protection during welding. Increase your welder's productivity and safety on the work floor with this reliable TH2 certified fresh air system. The fresh air system not only protects but also increases a welder's working conditions in warm circumstances.

- Complete fresh air PAPR system.
- Electronic air flow control.
- Constant air flow of 160 or 200 litre/minute.
- Powerful Li-ion battery included (up to 8 hours).
- Audible signal & Vibration signal in case of reduced filtering (change filter / charge battery).
- Comfortable, light, ergonomic design .
- Reliable MultiVision Grind ADF helmet included.
- MultiVision helmet DIN 9-13 with grinding position DIN 4 (see product group 44 for more helmet specifications).

Including ergonomic waist belt and shoulder belt.

EN 175 B9

EN 12941L:1998 + A2:2008; TH2 PSL

Product nr	Description	Packing
49.58.80105	Fresh air PAPR system MultiVision Grind Carbon with Multi C ² Air.	1/1

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BREATHING PROTECTION

Multi C²Air fresh air motor unit



The Multi C²Air is suitable for most welding processes and filters gasses, vapor and dust particles. The airflow is electronically regulated, as a result, always constant and can be manually set on both 160 and 200 l/min.

The Multi C²Air features a safety on/off switch and warns at a decreased filtering by giving a acoustic, light and vibration signal. The Multi C²Air is one of the lightest motor units on the market and together with the ergonomic lumbar support it gives the welder optimum comfort.

The Multi C²Air comes with an exchangeable li-ion battery with a capacity of 8 hours, a air tube with fire-retardant slipcover, two P(SL) filters, a battery charger, a flow meter and shoulder blades.

EN 12941L:1998 + A2:2008; TH2PSL in combination with MultiVision Grind welding helmet.

Product nr	Description	Packing
49.65.00000	Motor unit Multi C'air II complete.	1/1

Multi C²Air spare parts

The availability of spare parts for the Multi C²Air system ensures continuity in your work processes and an economic product life-time.

Product nr	Description	Packing
49.65.00005	Motorunit + filter cover Multi C ² Air.	1/1
49.65.00011	Battery Multi C ² Air.	1/1
49.65.00016	Battery charger Multi C ² Air.	1/1
49.65.00019	Airhose Multi C ² Air.	1/1
49.65.00021	Airhose Multi C ² Air incl. cover and connector.	1/1
49.65.00025	Cover for hose Multi C ² Air.	1/1
49.65.00030	TH2 P(SL) filter Multi C ² Air.	1/10
49.65.00035	Prefilter filter Multi C ² Air.	1/25
49.65.00040	Odor filter holder Multi C ² Air.	1/1
49.65.00041	Odor filter Multi C ² Air.	1/1
49.65.00045	Filter cover Multi C ² Air.	1/1
49.65.00050	Spark arrestor Multi C ² Air.	1/1
49.65.00080	Belt complete Multi C ² Air.	1/1

Multi C²Air helmet spare parts



The availability of spare parts for the fresh air welding helmets guarantees long term continuity.

Product nr	Description	Packing
49.58.63624	Elastic facial seal for MultiVision fresh air helmets.	1/1
49.58.63665	Complete headgear inclusive of sweatband & airduct for MultiVision and Weldsafe.	1/1
49.58.61610	MultiVision & Weldsafe sweatband, wide.	1/1



BREATHING PROTECTION

PAPR welding helmets MultiVision



MultiVision Grind PAPR welding helmet, including air duct, elastic face seal and forehead-sweatband and bayonet connection.

ADF: 9-13 with grinding position 3,5
Optical class: 1/3/1 EN 379
Filter size: 110 x 90 x 8,5 mm
Viewing area: 96 x 42 mm
Sensors: 2
Energy: solar cells & lithium back up battery
Switching time: 0,1 ms
Clearing time: 0,1 - 0,9 sec, adjustable
Temp. range: -5 to +55 degrees Celsius
NEN / EN 175B: suitable for grinding

EN 175 B9
EN 379 1/3/1/2

Product nr	Description	Packing
49.58.80005	MultiVision Grind Carbon fresh air welding helmet with ADF 3.5/9-13.	

Fresh air welding helmet MultiVision flip-up



MultiVision Fresh air welding helmet with flip-up lens holder 51 x 108 mm and chest protector, complete with Airduct, elastic facial seal and sweatband, with bayonet airhose connector. Also available with chest protector.

EN 175 S

Product nr	Description	Lens size	Packing
49.58.63115	MultiVision flip-up fresh air helmet with leather chest protector.	51 x 108 mm.	1/1
49.58.63118	MultiVision flip-up fresh air helmet with flip-up front.	51 x 108 mm.	1/1

PAPR flip-up welding helmet with safety helmet combination

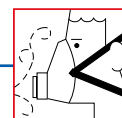


Fresh air welding helmet with safety helmet combination.
MultiVision welding helmet with flip-up lens holder with lens size 51 x 108 mm.

Complete with air duct in the safety helmet, bayonet air hose connector and facial seal.

EN 175 S

Product nr	Description	Packing
49.58.63210	MultiVision flip-up Fresh air welding helmet with safety helmet combination.	1/1
49.58.63019	MultiVision flip-up Fresh air welding helmet with Speedy connection, without safety helmet.	1/1



Optrel e3000 PAPR motor unit



Highest respiratory protection as well as maximum comfort make your welding process even more productive and cost-efficient. The innovative Swiss technology venture optrel AG launches a new power air respiratory system e3000. It delivers highest respiratory protection as well as maximum comfort, which in turn makes your welding process more profitable.

Highest protection classification TH3P provides best possible safety. When encountering harsh ambient conditions with smoke, dust and vapour a highly efficient powered air respiratory system is indispensable in order to keep the welder healthy. The e3000 in combination with the e600 helmets of optrel provides the highest protection class TH3P according to EN 12941 (European Standard).

Maximum comfort advances most accurate welding quality. The maximum comfort consists of three characteristics. First of all, the wide range of adjustable air flow rates from 150 to 250 nl/min. as well as the constant air flow results in best comfort for the welder. This comfort means best possible concentration on the work process and less fatigue which in turn leads to best welding quality. Secondly, the high flow rate of 250l/min. enables to benefit from the high comfort level even at ambient high-temperature conditions. Thirdly, the variable adjustment of the air flow distribution of the e600 helmets is another significant contributor to the maximum comfort .

Increased productivity

The efficiency-oriented battery management, with operating times of up to 20 hours, avoids any work interruption for more than two shifts. Therefore the welder gains more effective working time.

Otimised operating costs

The filter system consists of a prefilter and a particle filter. The particle filter with its big surface slows down the clogging of the filter. This characteristic as well as the smart concept of filter replacement supports the user to optimise the total cost of ownership.

Product nr	Description	Packing
49.49.65500	e3000 PAPR motor unit blue.	1/1
49.49.65500-L	e3000 PAPR motor unit blue (longlife battery).	1/1
49.49.65500-G	e3000 PAPR motor unit green.	1/1
49.49.65500-GL	e3000 PAPR motor unit green (longlife battery).	1/1



BREATHING PROTECTION

Optrel e684 PAPR



Comfortable fresh air welding helmet optrel e684 with protective level of DIN 5 till DIN 13. The color filter offers the welder a clear and detailed view of the object that needs to be welded and on all machine displays. The red LED on the welding machine can therefore be read without removing the welding helmet.

EN 379 1/1/1/2

EN 175 B (120m/s impact resistance)

Product nr	Description	Packing
49.49.44160	Optrel e684 fresh air helmet gray/green.	1/1
49.49.44165	Optrel e684 fresh air helmet & Hard hat, gray/green.	1/1



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Optrel Vegaview PAPR



Comfortable fresh air welding helmet optrel Vegaview with protective level of DIN 5 till DIN 13. The color filter offers the welder a clear and detailed view of the object that needs to be welded and on all machine displays. The red LED on the welding machine can therefore be read without removing the welding helmet.

EN 379 1/1/1/2

EN 175 B (120m/s impact resistance)

Product nr	Description	Packing
49.49.54250	Optrel Vegaview 2.5 fresh air helmet.	1/1
49.49.54255	Optrel Vegaview 2.5 fresh air helmet & hardhat.	1/1



BREATHING PROTECTION

Optrel e3000 spare parts

Product nr	Description	Packing
49.49.60800	TH3P filter for e3000.	1/1
49.49.60801	Prefilter voor e3000.	50/1
49.49.60802	Spark arrestor for e3000.	2/1
49.49.65520	Air hose e3000 incl cover and connector.	1/1
49.49.65521	Cover for airhose e3000.	1/1
49.49.65511	Battery e3000 standard.	1/1
49.49.65512	Battery e3000 longlife.	1/1
49.49.65510	Battery e3000 (EU/AUS/UK/US).	1/1
49.49.65530	e600 adapter.	1/1
49.49.65550	e3000 storing case black.	1/1

Optrel g300 grinding helmet



The new optrel g300 grinding helmet is the perfect addition to your welding helmet to create an even more pleasant and efficient working environment! Hereby optrel completes its respiratory protection products portfolio for demanding welding and grinding work at the highest level.

180° panoramic view

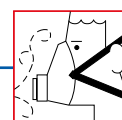
Extended panoramic view of 180° provided by a large, concave, clear protective visor. The protective visor can be quickly and easily changed, if required. Weighs just 520g, a real lightweight.

Protection class

When encountering harsh ambient conditions with smoke dust and vapour a highly efficient powered air respiratory system is indispensable in order to keep the welder healthy.

Classification	Optical class 1
Shape stability	Grinding mask up to 220°C / 428°F Front cover lens up to 137°C / 279°F
Helmet colour	black unpainted
Operating temperature	-10°C to + 70°C / 14°F to 158°F
Storage temperature	-20°C to + 80°C / -4°F to 176°F
Weight	530 g / 18,695 oz
Standards	EN 166 / EN 169 / EN 170 / EN 12941:1998 TH3
Licensed body / Lic. No.	CE 1024
Warranty	2 years from date of purchase for manufacturing and material defects.

Product nr	Description	Packing
49.49.70200	Optrel e3000 blue with g300 grinding helmet	1/1
49.49.70200-L	Optrel e3000 blue (longlife) with g300 grinding helmet	1/1
49.49.70000	Optrel g300 PAPR grinding helmet	1/1
49.49.70005	Optrel Head band g300	1/1
49.49.70010	Optrel Cotton sweat band g300	1/1
49.49.70015	Optrel Face seal g300	1/1
49.49.70020	Optrel Clear front cover lens g300, 10 pcs	1/1
49.49.70025	Optrel Cover lens SL 5 for g300, 10 pcs	1/1



PAPR welding helmet Optrel OSC



The optrel OSC (Optrel Solarmatic Comfort) has been around for more than 20 years and is still popular amongst our loyal Optrel customers throughout the world. It's simple, yet ingenious shape combined with the DIN 9–13 variable shade control from the outside of the helmet has offered the best level of product performance in the market in which optrel has become known for. Sensor bar for reducing the sensor opening, resp. the influence of extraneous light. Selector for opening delay setting Fast/Slow Stepless shade level controller DIN 9–13

Includes Airduct, face seal, connector and 2 extra anti-spatter lenses.

- switching time: 0.4 ms
- clearing time 'slow': 0.3 - 0.65 s.
- clearing time 'fast': 0.1 - 0.35 s.
- cassette: 90 x 110 x 7 mm
- temperatures: -10 °C to +70 °C

Product nr	Description	Packing
49.58.63120	Fresh air welding helmet Optrel Solarmatic OSC.	1/10

PAPR Optrel helmet spare parts

Product nr	Description	Packing
49.58.90231	Elastic facial seal for Optrel e600 series.	1/1
49.58.63631	Elastic facial seal for Optrel OSC.	1/1
49.58.63664	Complete headgear inclusive of sweatband & airduct for Optrel OSC.	1/1

49



BREATHING PROTECTION

PAPR welding helmets Weldsafe



Weldsafe Fresh air welding helmet with flip-up lensholder 51 x 108 mm complete with Airduct, elastic facial seal and sweatband, with bayonet airhose connector. Also available with leather chestprotector.

EN 175S

Product nr	Description	Packing
49.58.63100	Weldsafe PAPR welding helmet.	1/1
49.58.63102	Weldsafe PAPR welding helmet with leather chest protection.	1/1

Fresh air welding helmet spare parts



The spare parts of the fresh air welding helmet ensure the longterm safety and comfort of the welding helmets.

Product nr	Description	Packing
49.58.63624	Elastic facial seal for MultiVision fresh air helmets.	1/1
49.58.63665	Complete headgear inclusive of sweatband & airduct for MultiVision and Weldsafe.	1/1
49.58.61610	MultiVision & Weldsafe sweatband, wide.	1/1



BREATHING PROTECTION

RSG T-AirVisor headtops



The T-AirLine Series headtops offer lightweight and comfortable protection in many industrial applications. The T-AirLine range is manufactured in accordance with the latest respiratory regulations. It provides protection for eye and face and is ideal in environments where the highest possible levels of protection are required.

T-AirVisor compressed air:

EN 14594, class 3A/3B (49.26.14053 & 49.26.14100) in combination with regulator valve en Airline filter.

Product nr	Description	Type nr	Packing
49.26.14053	RSG T-AirVisor and regulator kit	614100-00	1/1
49.26.14100	RSG T-AirVisor compressed air	614100	1/1
49.26.60215	RSG T-AirVisor, headgear with airduct	660215	1/1

Air regulator valve



Air regulator valve for on the belt, for controlling the flow of the compressed air to the hood.

EN 14594: 2005 Class 3B/4A

Product nr	Description	Type nr	Packing
49.58.63601	Air regulator valve, inclusive of belt and air hose.	661368	1/1
49.58.63075	Adaptor for bayonet lock hose connection to airduct with click and screw connection.		1/1
49.58.63606	RSG T-AirLine filter charcoal - pack	660048-03	1/1
49.58.63607	RSG T-AirLine regulator valve	660697	1/1
49.58.63608	RSG T-AirLine breathing hose	661370	1/1

RSG T-AirVisor spare parts

Product nr	Description	Type nr	Packing
49.26.60669	RSG Visor clamps for T-AirVisor	660669-00	1/1
49.26.60730	RSG Visor (CP) T-AirVisor	660730	1/5
49.26.60734	RSG Disposable visors T-AirVisor	660734	1/100
49.26.61019	RSG T-AirVisor brow gard	661019	1/1
49.26.60215	RSG Head Harness and air duct airflow indicator T-AirVisor	660215	1/1
49.26.61470	RSG Sweatband Nomaz (pack 10 pieces)	661470	1/10
49.26.60219	RSG PU cape for T-AirVisor (head cover)	660219	1/5
49.26.60129	RSG Face Seal T-AirVisor (T-AirLine) compressed air	660129	1/1



RSG T-AirLine Headtops with regulator valve



T-AirLine Headtops 1000 M

Microporous hood with exhalation valve, PETG visor, air duct and adjustable head harness. Unique low flow indicator. PE breathing hose. Combined with T-AirLine Regulator (661368-00)

EN14594:2005 Class 4A

T-AirLine Headtops 1000 Chem 1

HD/PE barrier film laminate hood with exhalation valve, PETG visor, air duct and adjustable head harness. Unique low flow indicator. PE breathing hose. For high hazard applications. Combined with T-Airline Regulator (661368-00)

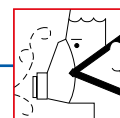
EN14594:2005 Class 4A

T-AirLine Headtops 1000 Chem 3

EVOH film barrier hood with exhalation valve, PETG visor, air duct and adjustable head harness. Unique low flow indicator. PE breathing hose. For high hazard applications. Combined with T-Airline Regulator (661368-00)

EN14594:2005 Class 3B/4A

Product nr	Description	Type nr	Packing
49.26.14050	RSG T-AirLine 1000 M Hood + Regulator Kit	614050-00	1/1
49.26.14060	RSG T-AirLine 1000 M Headtop with air duct and head harness	614050	1/1
49.26.60252	RSG T-AirLine 1000 M Hood - pack (2 pieces)	660252	1/1
49.26.14051	RSG T-AirLine 1000 Chem 1 + Regulator Kit	614051-00	1/1
49.26.14061	RSG T-AirLine 1000 Chem 1 Headtop with air duct and head harness	614051	1/1
49.26.60253	RSG T-AirLine 1000 Chem 1 Hood - pack (2 pieces)	660253	1/1
49.26.14052	RSG T-AirLine 1000 Chem 3 + Regulator Kit	614052-00	1/1
49.26.14062	RSG T-AirLine 1000 Chem 3 Headtop with air duct and head harness	614052	1/1
49.26.60254	RSG T-AirLine 1000 Chem 3 Hood - pack (2 pieces)	660254	1/1
49.26.60217	RSG T-AirLine 1000 hood, head Harness and air duct airflow indicator	660217	1/1



RSG T-AirLine Filter Unit



Wall mounted filtration unit ensures that the operator has clean, particle and liquid oil free air with the added benefit of taste and odour removal for improved user comfort.

Floor mounted breathable compressed air unit to suit 2 and 4 man. The unit consist of a 3 stage high dirt holding capacity 0.01 micron rated filter to remove particles and oil aerosol and an activated carbon filter to remove.

EN 12021.

Product nr	Description	Type nr	Packing
49.55.40000	RSG T-AirLine Filter Unit (wall mounted) - 2 users / CEJN fittings	600161-00	1/1
49.55.40015	RSG T-AirLine Filter Unit (wall mounted) - 4 users / CEJN fittings	600163-00	1/1
49.55.40006	RSG T-AirLine Filter Unit (frame) - 2 users / CEJN fittings	600162-00	1/1
49.55.40021	RSG T-AirLine Filter Unit (frame) - 4 users / CEJN fittings	600164-00	1/1
49.55.40005	RSG T-AirLine Filter Unit (reinforced frame) - 2 users / CEJN fittings		1/1
49.55.40020	RSG T-AirLine Filter Unit (reinforced frame) - 4 users / CEJN fittings		1/1

RSG T-AirLine filters



RSG series grade X1 micron removes liquids, particles and coalesced oil aerosols down to 0.1 mg/m³. Change after 12 months.

RSG series grade XA filtration removes liquids, sub micron particles and oil aerosols down to 0.01 mg/m³. it is most often used at point of use applications to provide the highest level of filtration. Change after 6 months.

RSG series XAC duplex range of filters offers a space saving, economical filtration solution. Duplex filters combine an XA 0.01 micron coalescing filter element which reduces oil concentrations and an AC, secondary activated carbon filter element which removes vapours, odours and tastes. Change after 6 months.

Product nr	Description	Type nr	Packing
49.55.40145	RSG series grade X1 micron particle filter - 2 users	600152	1/1
49.55.40146	RSG series grade XA filtration oil/water filter - 2 users	600153	1/1
49.55.40147	RSG series XAC duplex carbon filter - 2 users	600154	1/1
49.55.40155	RSG series grade X1 micron particle filter - 4 users	600155	1/1
49.55.40156	RSG series grade XA filtration oil/water filter - 4 users	600156	1/1
49.55.40157	RSG series XAC duplex carbon filter - 4 users	600157	1/1



BREATHING PROTECTION

RSG T-AirLine Breathing Hoses



PVC hoses offering outstanding aging qualities and long service life. Resistance to sparks and scorching. CEJN safety couplings that are quick and easy to connect yet prevent accidental disconnection

EN14593/4:2005 Class A/B

Product nr	Description	Type nr	Packing
49.55.64310	RSG LIGHT DUTY PVC breathing hose, 10m	661250-00	1/1
49.55.64320	RSG LIGHT DUTY PVC breathing hose, 20m	661251-00	1/1

RSG T-AirLine Breathing Hoses 'spiral'



RSG T-AirLine Breathing Hoses 'spiral', 8/12 mm plastic spiral coiled tube made of PU. Coated for good protection against sparks, e.g. during welding. The hoses are delivered complete with safety couplings/nipples.

Product nr	Description	Type nr	Packing
49.55.64402	RSG T-AirLine breathing hoses 'spiral' PU, 2m	661252-02	1/1
49.55.64404	RSG T-AirLine breathing hoses 'spiral' PU, 4m	661252-04	1/1
49.55.64406	RSG T-AirLine breathing hoses 'spiral' PU, 6m	661252-06	1/1
49.55.64408	RSG T-AirLine breathing hoses 'spiral' PU, 8m	661252-08	1/1

RSG T-AirLine Breathing Hoses 'heavy duty'



RSG T-AirLine breathing hose 'heavy duty'. Anti Static Rubber hose offering outstanding aging qualities and long service life. Resistance to sparks and scorching. With safety CEJN couplings that are quick and easy to connect yet prevent accidental disconnection.

Product nr	Description	Type nr	Packing
49.55.64411	RSG T-AirLine breathing hose 'heavy duty', 10m	661253-00	1/1
49.55.64420	RSG T-AirLine breathing hose 'heavy duty', 20m	661254-00	1/1
49.55.64430	RSG T-AirLine breathing hose 'heavy duty', 30m	661255-00	1/1

RSG T-AirLine Air Hose Connection



Product nr	Description	Type nr	Packing
49.55.64270	RSG CEJN 342 Coupling G1/4" male thread	660538	1/1
49.55.64282	RSG CEJN 342 Coupling G1/4" female thread	660539	1/1
49.55.64352	RSG CEJN 342 Nipple c/w G1/4" male thread	660548	1/1
49.55.64264	RSG CEJN 342 Nipple c/w G1/4" female thread	660549	1/1



BREATHING PROTECTION

RSG SE200 Escape Hoods



RSG SE200
Smoke Escape hoods, Universal size, 650 gram.

Meets EN403 Escape hood for Smoke (CO).

Product nr	Description	Type nr	Packing
49.51.00100	RSG SE200 Smoke Escape hoods	500100	1/1
49.51.00105	RSG Smoke Escape Pouch for type 500100	500105	1/1

RSG CE200 Chemical Escape Hoods



RSG CE200
Chemical Escape hoods, Universal size, 200 gram

Meets EN143 (P2) Chemical Escape hood (ABEKP).

Product nr	Description	Type nr	Packing
49.51.00110	RSG CE200 Chemical Escape hoods	500110	1/1
49.51.00115	RSG Chemical Escape pouch for type 500110	500115	1/1

RSG CE200 + Advanced Chemical Escape Hoods



RSG CE200 +
Advanced Chemical Escape hood (ABEK1).

Meets EN14387

Product nr	Description	Type nr	Packing
49.51.00120	RSG CE200 + Advanced Chemical Escape hood with ABEK1 filter	500120	1/1
49.51.00125	RSG Advanced Chemical Escape Pouch for 500120	500125	1/1

RSG CBE200 + Chemical Bio Escape Hoods



RSG CBE200 +
Chemical Bio Escape Hood, Universal size, 220 gram.

Product nr	Description	Type nr	Packing
49.51.00130	RSG CE200 + Chemical Bio Escape Hood	500130	1/1
49.51.00115	RSG Chemical Escape pouch for type 500130	500115	1/1



RSG 200 Series Half Mask



RSG 200 Series Half Mask, TPE, blue, twin filter.

EN 140:1998

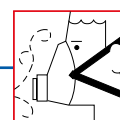
Product nr	Description	Type nr	Packing
49.33.00301	RSG 200 Series Half Mask, size S	300301	1/1
49.33.00302	RSG 200 Series Half Mask, size M	300302	1/1
49.33.00303	RSG 200 Series Half Mask, size L	300303	1/1



200 Series Half Mask

- Exceptional comfort
- Wide range of filters
- Combi pack option

RSG[®]
TOTAL RESPIRATORY



BREATHING PROTECTION

RSG Filter cartridges serie 200 P3



P3 pancake particle filters, EN 143, bayonet thread connection
For use with RSG 200 Series Half Mask.

P3 filter cartridge (Plastic) particle filters, EN 143, bayonet thread connection for use with RSG 200 Series Half Mask.

EN 143:2000

Product nr	Description	Type nr	Packing
49.33.01251	RSG P3 pancake particle filters	301251	1/10
49.33.01201	RSG P3 (Plastic) particle filters	301201	1/6

RSG Filter cartridges serie 200 A1



A1 filter cartridge (Plastic) gas filter, bayonet thread connection
for use with RSG 200 Series Half Mask.

A1P2 filter cartridge (Plastic) combined filter, bayonet thread connection for use with RSG 200 Series Half Mask.

A1P3 filter cartridge (Plastic) combined filter, bayonet thread connection for use with RSG 200 Series Half Mask.

EN 14387:2004 + A1:2008

Product nr	Description	Type nr	Packing
49.33.01202	RSG A1 (Plastic) gas filter	301202	1/6
49.33.01208	RSG A1P2 (Plastic) combined filter	301208	1/6
49.33.01209	RSG A1P3 (Plastic) combined filter	301209	1/6
49.33.01200	Prefilters (P2) EN143 for use with 30 12 08 A1P2 and ABEK1P2 filters	301200	1/40

RSG Filter cartridges serie 200 ABEK1



ABEK1 filter cartridge (Plastic) gas filter, bayonet connection for use with RSG 200 Series Half Mask.

ABEK1P2 filter cartridge (Plastic) combined filter.

ABEK1P3 filter cartridge (Plastic) combined filter, bayonet connection for use with RSG 200 Series Half Mask.

EN 14387:2004 + A1:2008

Product nr	Description	Type nr	Packing
49.33.01216	RSG ABEK1 filter cartridge (Plastic) gas filter	301216	1/6
49.33.01215	RSG ABEK1P2 filter cartridge (Plastic) combined filter	301215	1/6
49.33.01217	RSG ABEK1P3 filter cartridge (Plastic) combined filter	301217	1/6
49.33.01200	Prefilters (P2) EN143 for use with 30 12 15 ABEK1P2 filter	301200	1/40



BREATHING PROTECTION

RSG Combi Pack Half Mask serie 200 P3



COMBI PACK of RSG 200 Series Half Mask, TPE, blue, twin filter:

- TPE included 4 pcs pancake filter P3 art.nr.301251.
- TPE included 2 pcs P3 filter - art.nr.301201.

EN 140: 1998

Product nr	Description	Type nr	Packing
49.33.10301	RSG 200 series Half Mask, TPE with P3 pancake filter, size S	300301-P3 PC	1/1
49.33.10302	RSG 200 series Half Mask, TPE with P3 pancake filter, size M	300302-P3 PC	1/1
49.33.10303	RSG 200 series Half Mask, TPE with P3 pancake filter, size L	300303-P3 PC	1/1
49.33.20301	RSG 200 series Half Mask, TPE with P3 filter, size S	300301-P3	1/1
49.33.20302	RSG 200 series Half Mask, TPE with P3 filter, size M	300302-P3	1/1
49.33.20303	RSG 200 series Half Mask, TPE with P3 filter, size L	300303-P3	1/1

RSG Combi Pack Half Mask serie 200 A1



COMBI PACK of RSG 200 Series Half Mask, TPE, blue, twin filter:

- TPE included 2 pcs A1 filter - art.nr.301202.
- TPE included 2 pcs A1P2 filter - art.nr.301202.
- TPE included 2 pcs A1P3 filter - art.nr.301209.

EN 140: 1998

Product nr	Description	Type nr	Packing
49.33.30301	RSG 200 series Half Mask, TPE with A1 gas filter, size S	300301-A1	1/1
49.33.30302	RSG 200 series Half Mask, TPE with A1 gas filter, size M	300302-A1	1/1
49.33.30303	RSG 200 series Half Mask, TPE with A1 gas filter, size L	300303-A1	1/1
49.33.50301	RSG 200 series Half Mask, TPE with A1P3 combined filter, size S	300301-A1P3	1/1
49.33.50302	RSG 200 series Half Mask, TPE with A1P3 combined filter, size M	300302-A1P3	1/1
49.33.50303	RSG 200 series Half Mask, TPE with A1P3 combined filter, size L	300303-A1P3	1/1

RSG Combi Pack Half Mask serie 200 ABEK1

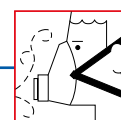


COMBI PACK of RSG 200 Series Half Mask, TPE, blue, twin filter:

- TPE included 2 pcs ABEK1 filter - art.nr.301216.
- TPE included 2 pcs ABEK1P2 filter - art.nr.301215.
- TPE included 2 pcs ABEK1P3 filter - art.nr.301217.

EN 140: 1998

Product nr	Description	Type nr	Packing
49.33.60301	RSG 200 series Half Mask, TPE with ABEK1 gas filter, size S	300301-ABEK1	1/1
49.33.60302	RSG 200 series Half Mask, TPE with ABEK1 gas filter, size M	300302-ABEK1	1/1
49.33.60303	RSG 200 series Half Mask, TPE with ABEK1 gas filter, size L	300303-ABEK1	1/1
49.33.80301	RSG 200 series Half Mask, TPE with ABEK1P3 combined filter, size S	300301-ABEK1P3	1/1
49.33.80302	RSG 200 series Half Mask, TPE with ABEK1P3 combined filter, size M	300302-ABEK1P3	1/1
49.33.80303	RSG 200 series Half Mask, TPE with ABEK1P3 combined filter, size L	300303-ABEK1P3	1/1



BREATHING PROTECTION

RSG Half Mask serie 300 E

RSG 300 E Series Half Mask, Neoprene, black, twin filter.

EN 140: 1998



Product nr	Description	Type nr	Packing
49.33.00201	RSG 300 E Series Half Mask, Neoprene, black, twin filter, size S	300201	1/1
49.33.00202	RSG 300 E Series Half Mask, Neoprene, black, twin filter, size M	300202	1/1
49.33.00203	RSG 300 E Series Half Mask, Neoprene, black, twin filter, size L	300203	1/1

RSG Half Mask serie 300 S

RSG 300 S Series Half Mask, Silicone, blue, twin filter.

EN 140: 1998



Product nr	Description	Type nr	Packing
49.33.00101	RSG 300 S Series Half Mask, Silicone, blue, twin filter, size S	300101	1/1
49.33.00102	RSG 300 S Series Half Mask, Silicone, blue, twin filter, size M	300102	1/1
49.33.00103	RSG 300 S Series Half Mask, Silicone, blue, twin filter, size L	300103	1/1



RSG Half Mask cartridges serie 300 P3



P3 filter cartridge (Plastic) box 10 pcs. Particle filter for use with RSG 300 (E+S) series Half Mask.

EN 143

Product nr	Description	Type nr	Packing
49.33.01101	RSG P3 filter cartridge (Plastic) particle filter,	301101	1/10

RSG Half Mask cartridges serie 300 A2



A2 filter cartridge (Plastic) box 10 pcs. Gases and vapours filter for use with RSG 300 (E+S) series Half Mask.

EN 14387: 2004 + A1:2008

Product nr	Description	Type nr	Packing
49.33.01102	RSG A2 filter cartridge (Plastic) Gases and vapors filter,	301102	1/10

RSG Half Mask cartridges serie 300 A2P3



A2P3 filter cartridge (Plastic) box 6 pcs. Combined filter for use with RSG 300 (E+S) series Half Mask.

EN 14387: 2004 + A1:2008

Product nr	Description	Type nr	Packing
49.33.01109	RSG A2P3 filter cartridge (Plastic) combined filter,	301109	1/6

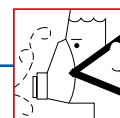
RSG Half Mask cartridges serie 300 ABEK1P3



ABEK1P3 Filter cartridge (Plastic) box 6 pcs. Combined filter for use with RSG 300 (E+S) series Half Mask.

EN 14387: 2004 + A1:2008

Product nr	Description	Type nr	Packing
49.33.01117	RSG ABEK1P3 filter cartridge (Plastic) combined filter,	301117	1/6



Moldex disposable Half Mask serie 5000



Compact Mask

Extremely compact lightweight disposable half-face mask with a wide field of vision.

FlexFit ensures that the mask moulds itself to different contours of the face. Easy to combine with goggles, welding helmets or face screens.

Moldex folded filter technology considerably reduces resistance to breathing and increases the lifetime of the filter.

Tested and certified to EN 405:2001 + A1:2009

Product nr	Description	Moldex nr	Packing
49.42.05120	Compact Mask FFA1P2 R D.	5120	1/10
49.42.05230	Compact Mask FFA2P3 R D.	5230	1/10
49.42.05430	Compact Mask FFABEK1P3 R D.	M-5982	1/10

Moldex Half Masks serie 7000



The Half Mask Series 7000 are made of soft TPE material which is gentle on the skin. The Moldex Half Mask range offers innovative product design which are extremely light weight, offer perfect comfort and easy handling.

Our Gas Masks go beyond normal requirements and fulfil the high Moldex quality standards when it comes to safety and comfort.

Mask body made of soft, TPE material which is gentle on the skin
 Easy maintenance and cleaning without tools
 With EasyLock® filter system: easy handling
 No additional adapters or parts necessary
 Drop down option: mask can be worn around the neck during breaks

Tested and certified to EN 140:1998

Product nr	Description	Moldex nr	Packing
49.42.17001	Moldex Half Mask, size S.	7001	1/10
49.42.17002	Moldex Half Mask, size M.	7002	1/10
49.42.17003	Moldex Half Mask, size L.	7003	1/10
49.21.19994	Storage bag.	9994	1/6



BREATHING PROTECTION

RSG Full Face Mask serie 400 S



RSG 400 S Series Full Face Mask (Single Cartridge), Silicone, Blue Full Face Mask respirator in combination with EN148-1 filter canisters:

- P3 filter art.nr.401201 - plastic
- ABEK2P3 filter art.nr.401217 - plastic
- P3 filter art.nr.401101 - aluminium
- A2P3 filter art.nr.401109 - aluminium
- ABE2P3 filter art.nr.401115 - aluminium
- ABEK2P3 filter art.nr.401117 - aluminium

EN136: 1998

Product nr	Description	Type nr	Packing
49.34.00101	RSG Full Face Mask serie 400 S, universal size	400101	1/1

RSG Full Face Mask serie 400 E



RSG 400 E Series Full Face Mask (Single Cartridge), Neoprene, Black Full Face Mask respirator in combination with EN148-1 filter canisters:

- P3 filter art.nr.401201 - plastic
- ABEK2P3 filter art.nr.401217 - plastic
- P3 filter art.nr.401101 - aluminium
- A2P3 filter art.nr.401109 - aluminium
- ABE2P3 filter art.nr.401115 - aluminium
- ABEK2P3 filter art.nr.401117 - aluminium

EN136: 1998

Product nr	Description	Type nr	Packing
49.34.00201	RSG Full Face Mask serie 400 E, universal size	400201	1/1

RSG Full Face Mask serie 500 E

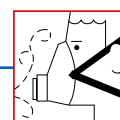


RSG 500 E Series Full Face Mask (Single Cartridge), Neoprene, Black Full Face Mask respirator in combination with EN148-1 filter canisters:

- P3 filter art.nr.401201 - plastic
- ABEK2P3 filter art.nr.401217 - plastic
- P3 filter art.nr.401101 - aluminium
- A2P3 filter art.nr.401109 - aluminium
- ABE2P3 filter art.nr.401115 - aluminium
- ABEK2P3 filter art.nr.401117 - aluminium

EN136: 1998

Product nr	Description	Type nr	Packing
49.34.00502	RSG Full Face Mask serie 500 E, universal size	400502	1/1



BREATHING PROTECTION

RSG Full Face Mask filters P3



P3 filter canister (Plastic) box 8 pcs particle filter, thread connection, solid and liquid particles .

P3 filter canister (Aluminium) box 8 pcs particle filter, thread connection, solid and liquid particles.

EN143: 2000 + A1: 2006
EN148-1

Product nr	Description	Type nr	Packing
49.34.01201	RSG P3 filter cartridge (Plastic) particle filter,	401201	8
49.34.01101	RSG P3 filter cartridge (Aluminium) particle filter,	401101	8

RSG Full Face Mask filters A2P3



A2P3 filter canister (Aluminium) box 4 pcs combined filter, thread connection, organic gases and vapours and solid and liquid particles.

EN14387: 2004 + A1: 2008
EN148-1

Product nr	Description	Type nr	Packing
49.34.01109	RSG A2P3 filter cartridge (Aluminium) combined filter,	401109	4

RSG Full Face Mask filters AB2P3 & ABE2P3

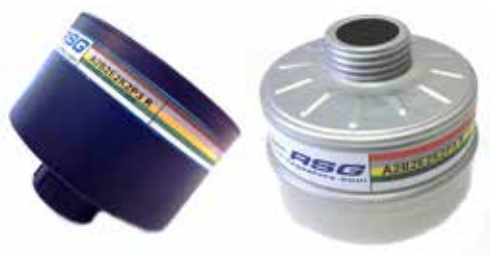


AB2P3 & ABE2P3 filter canister (Aluminium) box 4 pcs, combined filter, organic, inorganic gases and vapours and solid and liquid particles.

EN14387: 2004 + A1: 2008
EN148-1

Product nr	Description	Type nr	Packing
49.34.01116	RSG AB2P3 filter cartridge (Aluminium) combined filter,	401116	4
49.34.01115	RSG ABE2P3 filter cartridge (Aluminium) combined filter,	401115	4

RSG Full Face Mask filters ABEK2P3



ABEK2P3 Filter canister (Plastic & Aluminium) box 4 pcs, combined filter, organic, inorganic gases and vapours, sulphur dioxide, hydrogen chloride (acid gases) ammonia, organic ammonia derivatives and solid and liquid particle.

EN14387: 2004 + A1: 2008
EN148-1

Product nr	Description	Type nr	Packing
49.34.01217	RSG ABEK2P3 filter cartridge (Plastic) combined filter,	401217	4
49.34.01117	RSG ABEK2P3 filter cartridge (Aluminium) combined filter,	401117	4



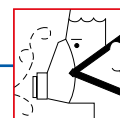
BREATHING PROTECTION

RSG Full Face Mask spare parts

Product nr	Description	Typenr.	Packing
49.34.01902	RSG Head Harness Assembly for FFMask, Neoprene - bag 10 pcs	401902	10
49.34.01903	RSG Head Harness Assembly for FFMask, Silicone - bag 10 pcs	401903	10
49.34.01907	RSG Nose Cup for FFMask, Silicon - bag 10 pcs	401907	10
49.34.01908	RSG Nose Cup for FFMask, Neoprene - bag 10 pcs	401908	10
49.34.01909	RSG Eye Lens Frame for FFMask - bag 10 pcs	401909	10
49.34.01910	RSG Valve Housing Unit for FFMask - bag 10 pcs	401910	10
49.34.01911	RSG Visor for FFMask - bag 10 pcs	401911	10



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BREATHING PROTECTION

Moldex Full Face Mask Series 9000



Full Face Mask Series 9000

All Moldex Full Face Masks are made of soft TPE material which is gentle on the skin. They offer innovative product design which are extremely light weight, comfortable, good quality and easy to maintain and handle.

As the names already suggests, a Full Face Mask provides protection for the whole face. These Masks fulfil higher requirements in terms of seal compared to Half Masks.

Extremely lightweight full face mask, weights only 360 g.
Frameless panoramic lens.

Fulfills the high requirements of class 2.

Mask body made of soft, TPE material which is gentle on the skin.
Easy access, easy to remove.

Easy maintenance and cleaning without tools.

With EasyLock® filter system: easy handling.

No additional adapters or parts necessary.

Also available with EN 148-1 connectors.

Tested and certified to EN 136:1998 CL2

Product nr	Description	Moldex nr	Packing
49.42.19001	Moldex Mask body with EasyLock® connectors, Size S.	9001	1/1
49.42.19002	Moldex Mask body with EasyLock® connectors, Size M.	9002	1/1
49.42.19003	Moldex Mask body with EasyLock® connectors, Size L.	9003	1/1
49.42.19004	Moldex Mask body with EN 148-1 connectors, Size S.	9004	1/1
49.42.19005	Moldex Mask body with EN 148-1 connectors, Size M.	9005	1/1
49.42.19006	Moldex Mask body with EN 148-1 connectors, Size L.	9006	1/1
49.42.19993	Faceshield protectors.	9993	60/360
49.21.19994	Storage bag.	9994	1/6

Moldex filters for 9000 and 7000 series

Product nr	Description	Moldex nr	Packing
49.42.19010	Moldex particle filter P1 R	9010	20/120
49.42.19020	Moldex particle filter P2 R	9020	20/120
49.42.19030	Moldex particle filter P3 R.	9030	12/72
49.42.19100	Moldex gas filter A1.	9100	10/60
49.42.19200	Moldex gas filter A2.	9200	8/48
49.42.19300	Moldex gas filter A1B1E1.	9300	10/60
49.42.19400	Moldex gas filter A1B1E1K1.	9400	10/60
49.42.19500	Moldex gas filter A2B2E1.	9500	8/48



BREATHING PROTECTION

RSG Disposable Face Masks C series - FFP2 NR D



RSG C Series - FFP2 NR D

Cup shaped - Protects against fine hazardous dust particles and light welding fumes - 25 pcs in a box; 32 boxes in a carton.

Includes dolomite test.

EN149: 2001 + A1: 2009 (NR)

Product nr	Description	Type nr	Packing
49.32.00220	RSG Cup shaped FFP2 NR D	200220	25/800

RSG Disposable Face Masks C series - FFP2V NR D Valved



RSG C Series - FFP2V NR D Valved

Cup shaped - Valved - Protects against fine hazardous dust particles and light welding fumes - 15 pcs in a box; 32 boxes in a carton.

Includes dolomite test.

EN149: 2001 + A1: 2009 (NR)

Product nr	Description	Type nr	Packing
49.32.00225	RSG Cup shaped FFP2V NR D Valved	200225	15/480

RSG Disposable Face Masks C series - FFP3V NR D Valved



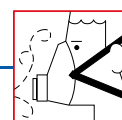
RSG C Series - FFP3V NR D

Cup shaped - Valved - Protects against toxic dust, light radioactive dust bacteria's and viruses - 5 pcs in a box; 12 boxes in a carton.

Includes dolomite test.

EN149: 2001 + A1: 2009 (NR)

Product nr	Description	Type nr	Packing
49.32.00230	RSG Cup shaped FFP3V NR D Valved	200230	5/60



BREATHING PROTECTION

RSG Disposable Face Masks F series - FFP2V NR D



RSG F Series - FFP2V NR D

Flatfold - Valved - EN149:2001 + A1:2009 (NR) - Protects against fine hazardous dust particles and light welding fumes - 15 pcs in a box; 32 boxes in a carton.

Includes dolomite test.

EN149: 2001 + A1: 2009 (NR)

Product nr	Description	Type nr	Packing
49.32.00425	RSG Flatfold F series - FFP2V NR D	200425	15/480

RSG Disposable Face Masks F series - FFP3V NR D



RSG F Series - FFP3V NR D

Flatfold - Valved - Protects against toxic dust, light radioactive dust, bacteria and viruses - 15 pcs in a box; 32 boxes in a carton.

Includes dolomite test.

EN149: 2001 + A1: 2009 (NR)

Product nr	Description	Typenr	St./Verp.
49.32.00430	RSG Flatfold F series - FFP3V NR D	200430	15/480

RSG Disposable Face Masks FB series - FFP2OV NR D



RSG FB Series - FFP2OV NR D

Flatfold Odour Mask- Valved - Protects against fine hazardous dust, light welding fumes, odours and organic vapours <OEL value - 15 pcs in a box; 32 boxes in a carton.

Includes dolomite test.

EN149: 2001 + A1: 2009 (NR)

Product nr	Description	Typenr	St./Verp.
49.32.00528	RSG Flatfold Odour Mask FB series - FFP2OV NR D	200528	15/480

RSG Disposable Face Masks FGY series - FFP2OV NR D



RSG FGY Series - FFP2OV NR D

Flatfold Welding Mask - Valved - Protects against fine hazardous dust, light welding fumes, odours and vapours <OEL - 15 pcs in a box; 32 boxes in a carton.
Flame retardant.

Includes dolomite test.

EN149: 2001 + A1: 2009 (NR)

Product nr	Description	Typenr	St./Verp.
49.32.00529	RSG Flatfold Welding Mask FGY series - FFP2OV NR D	200529	15/480



BREATHING PROTECTION

RSG Disposable Face Masks FS series - FFP2V NR D



RSG FS Series - FFP2V NR D

Protects against fine hazardous dust particles and light welding fumes. Individual packed - low breathing resistance - Valved for easier exhalation - 10 pcs in a box; 24 boxes in a carton.

Includes dolomite test.

EN149: 2001 + A1: 2009 (NR)

Product nr	Description	Type nr	St./Verp.
49.32.09225	RSG mask FS series - FFP2V NR D	209225	10/240

RSG Disposable Face Masks FS series - FFP3V NR D



RSG FS Series - FFP3V NR D

Activated charcoal protects against odours and organic vapours up to NPF - Protects against welding fumes and nuisance levels of ozone - Individual packed - very low breathing resistance - Valved - 10 pcs in a box; 24 boxes in a carton.

Includes dolomite test.

EN149: 2001 + A1: 2009 (NR)

Product nr	Description	Type nr	St./Verp.
49.32.09235	RSG mask FS series - FFP3V NR D	209235	10/240

RSG Disposable Face Masks FS series - FFP2OV NR D



RSG FS Series- FFP2OV NR D

Protects against toxic dust, light radioactive dust, bacteria's and viruses - Individual packed - very low breathing resistance - Valved - 10 pcs in a box; 24 boxes in a carton.

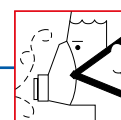
Includes dolomite test.

EN149: 2001 + A1: 2009 (NR)

Product nr	Description	Type nr	St./Verp.
49.32.09227	RSG mask FS series - FFP2OV NR D	209227	10/240



Wide range of PPE
and services available



BREATHING PROTECTION

Moldex Classic dust masks



Classic FFP Mask

FFP-Masks, also called Respirators, provide optimum protection from airborne particles. Moldex offers a wide Respirator range in all protection levels and for a variety of applications. Due to the filter technology, Moldex masks are very easy to breath through.

High quality Dust Masks

Independent institutes test our Dust Masks, which are completely manufactured in the EU. In addition, they meet the high Moldex quality standards regarding safety and comfort.

Proven shape and durable FFP Mask.

DuraMesh®: strong and durable structure, keeps the mask in shape.

ActivForm®: no nose clip needed.

Loop strap for quick, simple and safe on and off.

Tested and certified to EN 149:2001+A1:2009

Product nr	Description	Moldex nr	Packing
49.40.69075	FFP1 NR D.	2360	20/240
49.40.69082	FFP2 NR D.	2400	20/240
49.40.69080	FFP1 NR D Ventex-Valve®.	2365	20/240
49.40.69083	FFP2 NR D Ventex-Valve®.	2405	20/240

Moldex Smart dust masks



Smart FFP-Mask

FFP-Masks, also called Respirators, provide optimum protection from airborne particles. Moldex offers a wide Respirator range in all protection levels and for a variety of applications. Due to the filter technology, Moldex masks are very easy to breath through.

High quality Dust Masks

Independent institutes test our Dust Masks, which are completely manufactured in the EU. In addition, they meet the high Moldex quality standards regarding safety and comfort.

FFP Mask with comfortable nose seal.

DuraMesh®: strong and durable structure, keeps the mask in shape.

ActivForm®: no nose clip needed.

Loop strap with clip for quick, simple and safe on and off.

Tested and certified to EN 149:2001+A1:2009

Product nr	Description	Moldex nr	Packing
49.40.69175	FFP1 NR D.	2380	20/240
49.40.69180	FFP1 NR D Ventex-Valve®.	2385	20/240
49.40.69183	FFP2 NR D Ventex-Valve®.	2485	20/240
49.40.69188	FFP3 NR D Ventex-Valve®.	2505	10/120
49.40.69200	FFP2 NR D + gases < WEL.	2435	10/120
49.40.69210	FFP2 NR D + ozone with klima valve.	2445	10/120
49.40.69230	FFP3 NR D + ozone with klima valve.	2535	10/120



BREATHING PROTECTION

Moldex Smart Solo dust masks



Smart Solo FFP Mask

FFP-Masks, also called Respirators, provide optimum protection from airborne particles. Moldex offers a wide Respirator range in all protection levels and for a variety of applications. Due to the filter technology, Moldex masks are very easy to breath through.

High quality Dust Masks

Independent institutes test our Dust Masks, which are completely manufactured in the EU. In addition, they meet the high Moldex quality standards regarding safety and comfort.

FFP Mask with special head band.

Quick and simple fitting and removal even with gloves.

Available in two sizes.

DuraMesh®: strong and durable structure, keeps the mask in shape.

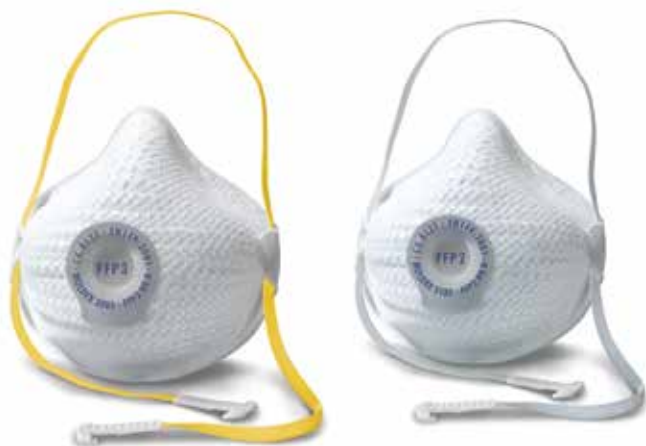
ActivForm®: no nose clip needed.

Comfortable nose seal.

Tested and certified to EN 149:2001+A1:2009

Product nr	Description	Moldex nr	Packing
49.40.69315	FFP2 NR D Ventex-Valve®.	2495	20/240

Moldex Air dust masks



AIR FFP Mask

FFP-Masks, also called Respirators, provide optimum protection from airborne particles. Moldex offers a wide Respirator range in all protection levels and for a variety of applications. Due to the filter technology, Moldex masks are very easy to breath through.

High quality Dust Masks

Independent institutes test our Dust Masks, which are completely manufactured in the EU. In addition, they meet the high Moldex quality standards regarding safety and comfort.

FFP Mask with pleated filter technology: 260% more filter surface area.

Significantly reduced breathing resistance.

High filter capacity, longer usage time.

Available in two sizes.

DuraMesh®: strong and durable structure, keeps the mask in shape.

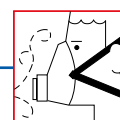
ActivForm®: no nose clip needed.

Comfortable nose seal.

Loop strap with clip for quick, simple and safe on and off.

Tested and certified to EN 149:2001+A1:2009

Product nr	Description	Moldex nr	Packing
49.40.69189	FFP2 NR D Ventex-Valve®, Size M/L.	3105	10/120
49.40.69189	FFP3 NR D Ventex-Valve®, Size M/L.	3205	10/120



BREATHING PROTECTION

Moldex Air Plus dust masks



Air Plus FFP Mask

FFP-Masks, also called Respirators, provide optimum protection from airborne particles. Moldex offers a wide Respirator range in all protection levels and for a variety of applications. Due to the filter technology, Moldex masks are very easy to breath through.

High quality Dust Masks

Independent institutes test our Dust Masks, which are completely manufactured in the EU. In addition, they meet the high Moldex quality standards regarding safety and comfort.

Reusable FFP Mask.

Washable full face seal made of comfortable TPE material which is gentle on the skin.

Pleated filter technology: 260% more filter surface area.

Significantly reduced breathing resistance.

High filter capacity, longer usage time.

DuraMesh®: strong and durable structure, keeps the mask in shape.

ActivForm®: no nose clip needed.

Loop strap with adjustable clip for quick, simple and safe on and off.

Tested and certified to EN 149:2001+A1:2009

Product nr	Description	Moldex nr	Packing
49.40.69185	FFP2 R D Ventex-Valve®.	3305	5/60
49.40.69187	FFP3 R D Ventex-Valve®.	3405	5/60
49.40.69189	FFP2 R D Ventex-Valve®, Size M/L.	3505	5/60

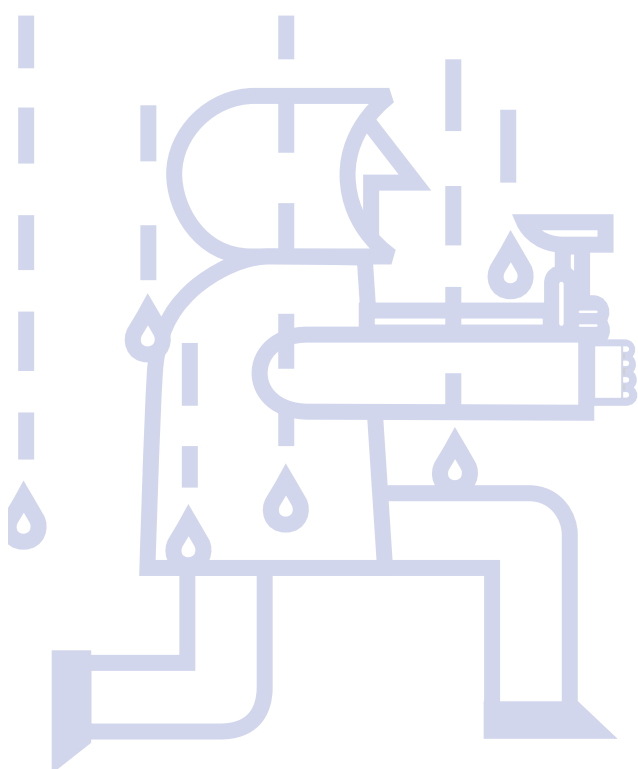
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PROTECTIVE CLOTHING

Size tabel

Size	Length in cm	Chest size in cm	Waist in cm
44 (S)	176	88	76
46 (S)	176	92	80
48 (S)	182	96	84
50 (M)	182	100	88
52 (M)	182	104	92
54 (L)	188	108	96
56 (L)	188	112	100
58 (XL)	188	116	104
60 (XL)	194	120	108
62 (XXL)	194	124	112
64 (XXL)	194	128	116
68 (XXXL)	194	136	124
72 (XXXXL)	196	144	132

Parka Contractor



Parka Contractor ++ marine, size M, 98% cotton, 2% megastat

- Material: 55% modacryl/44% cotton/1% anti-static
- Material weight: 340 gr/m²
- Colour: marine
- Size : S t/m XXXL
- Zip closure with concealed press studs.
- 2 front pockets
- 2 chest pockets
- Inner pocket
- H2S loops
- Removable lining
- Reflecting striping on back/chest/sleeves

EN 343 class 3/3

EN ISO 11611 class 1

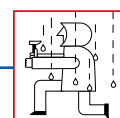
EN ISO 11612 A1B1C1

EN 1149 class 5

EN 13034 class 6

IEC 61482-2 class 1

Product nr	Description	Size	Packing
52.63.00000	Contractor Parka Blue.	S	1/1
52.63.00010	Contractor Parka Blue.	M	1/1
52.63.00020	Contractor Parka Blue.	L	1/1
52.63.00030	Contractor Parka Blue.	XL	1/1
52.63.00040	Contractor Parka Blue.	XXL	1/1
52.63.00050	Contractor Parka Blue.	XXXL	1/1



PROTECTIVE CLOTHING

Work jacket and trousers Contractor



Contractor work jacket and trousers ++ cornflower blue cotton/polyester/AS, a 1 EA

- Material: 65% cotton/34% polyester/1% anti-static
- Material weight of fabric: 340 g/m²
- Colour: cornflower blue
- Size: 40 to 68

Work jacket

- Concealed press stud fastener
- 2 chest pockets
- H2S loop
- Cuffs with press studs

Work trousers

- 2 front pockets
- 1 back pocket
- Knee pockets

EN ISO 11611 class 1

EN ISO 11612 A1B1C1E2

EN 1149 class 5

EN 13034 class 6

IEC 61482-2 class 1

Product nr	Description	Size	Packing
52.64.30152	Contractor work jacket.	52	1/12
52.64.30154	Contractor work jacket.	54	1/12
52.64.30156	Contractor work jacket.	56	1/12
52.64.30158	Contractor work jacket.	58	1/12
52.64.30252	Contractor work trousers.	52	1/12
52.64.30254	Contractor work trousers.	54	1/12
52.64.30256	Contractor work trousers.	56	1/12
52.64.30258	Contractor work trousers.	58	1/12

Overall Contractor



Overall contractor corn flower blue, cotton/polyester/AS

- Material: 65% cotton/34% polyester/1% anti-static
- Material weight: 340 gr/m²
- Colour: corn flower blue
- Size: 46 - 70
- Concealed press studs
- 2 chest pockets
- 2 front pockets
- Cuffs with press studs
- H2S loops
- 1 back pocket

EN ISO 11611 class 1

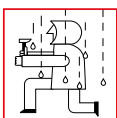
EN ISO 11612 A1B1C1E2

EN 1149 class 5

EN 13034 class 6

IEC 61482-2 class 1

Product nr	Description	Size	Packing
52.64.30352	Contractor overall.	52	1/1
52.64.30354	Contractor overall.	54	1/1
52.64.30356	Contractor overall.	56	1/1
52.64.30358	Contractor overall.	58	1/1



PROTECTIVE CLOTHING

HaVeP® Proban overall with collar



HaVeP® Proban overall 2559, covered press-stud fastening.

Description:

- 2 side pockets with flap
- 2 lockable side slits
- 2 breast pockets with flap
- back pocket with flap
- ruler pocket
- elasticated back
- back pleats
- sleeves with adjustable press-studs
- legs with adjustable press-studs

Description of the quality:

- ME - 75%/24%/1% cotton/polyester/antistatic,
- 2/2 twill weave, 360 gr/m²
- Optimum protection against heat, fire and static electricity

Norm: EN ISO 11611 A1B1C1, EN ISO 11612 class 1 A1,
EN 1149 class 5, IEC 61482-2 class 1

Product nr	Description	Size	Packing
52.61.14784-46	HaVep overall	46	1/1
52.61.14784-48	HaVep overall	48	1/1
52.61.14784-50	HaVep overall	50	1/1
52.61.14784-52	HaVep overall	52	1/1
52.61.14784-54	HaVep overall	54	1/1
52.61.14784-56	HaVep overall	56	1/1
52.61.14784-58	HaVep overall	58	1/1
52.61.14784-60	HaVep overall	60	1/1
52.61.14784-62	HaVep overall	62	1/1
52.61.14784-64	HaVep overall	64	1/1

Weldsafe Proban welding coveralls 1135 with collar



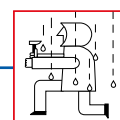
Weldsafe welding coverall of flame retardant Proban, with collar, colour ink blue, 300 gr/m² Sanfor. With concealed buttons, 2 breast pockets with flap, 2 reinforced front pockets, side openings, back pocket, pocket for foldable ruler, elastic waist band.

Also available with hood.

Other sizes available on request.

Norm: EN ISO 13688, EN ISO 11612, EN ISO 11611, IEC 61482

Product nr	Description	Size	Packing
52.64.88748	Weldsafe Proban welding coveralls with collar.	48	1/1
52.64.88750	Weldsafe Proban welding coveralls with collar.	50	1/1
52.64.88752	Weldsafe Proban welding coveralls with collar.	52	1/1
52.64.88754	Weldsafe Proban welding coveralls with collar.	54	1/1
52.64.88756	Weldsafe Proban welding coveralls with collar.	56	1/1
52.64.88758	Weldsafe Proban welding coveralls with collar.	58	1/1
52.64.88760	Weldsafe Proban welding coveralls with collar.	60	1/1
52.64.88762	Weldsafe Proban welding coveralls with collar.	62	1/1
52.64.88764	Weldsafe Proban welding coveralls with collar.	64	1/1



PROTECTIVE CLOTHING

Weldsafe Proban welding coveralls 1169 Antistatic



Weldsafe welding coverall of flame retardant Proban, with collar, colour ink blue, 300 gr/m² Sanfor. With concealed buttons, 2 breast pockets with flap, 2 reinforced front pockets, side openings, back pocket, pocket for foldable ruler, elastic waist band.

Also available with hood.

Other sizes available on request.

Norm: EN ISO 13688, EN ISO 11612, EN ISO 11611, EN 1149

Product nr	Description	Size	Packing
52.64.88848	Weldsafe Proban welding coverall Antistatic	48	1/1
52.64.88850	Weldsafe Proban welding coverall Antistatic	50	1/1
52.64.88852	Weldsafe Proban welding coverall Antistatic	52	1/1
52.64.88854	Weldsafe Proban welding coverall Antistatic	54	1/1
52.64.88856	Weldsafe Proban welding coverall Antistatic	56	1/1
52.64.88858	Weldsafe Proban welding coverall Antistatic	58	1/1
52.64.88860	Weldsafe Proban welding coverall Antistatic	60	1/1
52.64.88862	Weldsafe Proban welding coverall Antistatic	62	1/1
52.64.88864	Weldsafe Proban welding coverall Antistatic	64	1/1

Weldsafe Offshore welding coveralls 1170 Antistatic



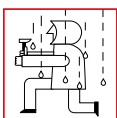
Weldsafe Offshore coverall Antistatic with collar, colour orange.

With concealed buttons, 2 breast pockets with flap, 2 reinforced front pockets, side openings, back pocket, pocket for foldable ruler, elastic waist band.

Other sizes available on request.

Norm: EN ISO 13688 (EN 340), EN ISO 11612, EN ISO 11611, EN 1149, IEC 61482

Product nr	Description	Size	Packing
52.64.88948	Weldsafe Offshore coverall 1170 antistatic	48	1/1
52.64.88950	Weldsafe Offshore coverall 1170 antistatic	50	1/1
52.64.88952	Weldsafe Offshore coverall 1170 antistatic	52	1/1
52.64.88954	Weldsafe Offshore coverall 1170 antistatic	54	1/1
52.64.88956	Weldsafe Offshore coverall 1170 antistatic	56	1/1
52.64.88958	Weldsafe Offshore coverall 1170 antistatic	58	1/1
52.64.88960	Weldsafe Offshore coverall 1170 antistatic	60	1/1
52.64.88962	Weldsafe Offshore coverall 1170 antistatic	62	1/1
52.64.88964	Weldsafe Offshore coverall 1170 antistatic	64	1/1



PROTECTIVE CLOTHING

Rain-suit



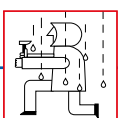
Rain suit

- Standard
- Material: PVC/polyester/PVC
- Material: nylon/PVC
- Colour: yellow
- Sizes: S up to XXXL
- Fixed hood
- Zip
- Press studs
- 2 pockets with flaps

Trousers with elasticated waist

Product nr	Description	Size	Packing
52.43.20146	Rain-suit, yellow, PVC/polyester/PVC.	S	1/1
52.43.20150	Rain-suit, yellow, PVC/polyester/PVC.	M	1/1
52.43.20154	Rain-suit, yellow, PVC/polyester/PVC.	L	1/1
52.43.20158	Rain-suit, yellow, PVC/polyester/PVC.	XL	1/1
52.43.20162	Rain-suit, yellow, PVC/polyester/PVC.	XXL	1/1
52.43.20166	Rain-suit, yellow, PVC/polyester/PVC.	XXXL	1/1

Product nr	Description	Size	Packing
52.43.21150	Rain-suit, yellow, nylon/PVC.	M	1/1
52.43.21154	Rain-suit, yellow, nylon/PVC.	L	1/1
52.43.21158	Rain-suit, yellow, nylon/PVC.	XL	1/1
52.43.21162	Rain-suit, yellow, nylon/PVC.	XXL	1/1



PROTECTIVE CLOTHING

Spray water resistant clothing



Spray water resistant working apron made of PVC.
Available in white.

Product nr	Description	Packing
52.49.82206	Spray water resistant apron of PVC, colour white, 120 x 90 cm.	1/5

Disposable coverall Tyvek



Optimum protection with Tyvek disposable coverall, an unique spinning and sticking process for a polyethylene fabric. It is fluid and particles resistant, is lightweight and resistant against most known chemicals and bacteria. The fabric is strong, wearproof and washable. Non-transparent.

Colour: White
Class 3
SL100 class 4 with hood.

Product nr	Description	Size	Packing
52.55.20746	Disposable coverall Tyvek.	S	1/25
52.55.20750	Disposable coverall Tyvek.	M	1/25
52.55.20754	Disposable coverall Tyvek.	L	1/25
52.55.20758	Disposable coverall Tyvek.	XL	1/25
52.55.20762	Disposable coverall Tyvek.	XXL	1/25



PROTECTIVE CLOTHING

RSG Comfort Workwear



RSG Comfort Workwear Non AS:

Lightweight polypropylene - Limited use coverall for dust and liquid splash protection - CE Class 5/6 - non anti static - elastic cuffs - white. Also available in blue and red.

RSG Comfort Workwear GP:

Breathable SMS - Limited use coverall for dust and liquid splash protection - CE Class 5/6 - anti static - elastic cuffs - white. Also available in blue and red.

Size M = 01
Size L = 02
Size XL = 03
Size XXL = 04
Size XXXL = 05

Product nr	Description	Type nr	Packing
52.50.000++	RSG Comfort Workwear Non AS (box 50 pcs)	100001-05	1/50
52.50.001++	RSG Comfort Workwear GP (box 50 pcs)	100101-05	1/50

RSG Cool Workwear



RSG Cool Workwear:

Lightweight, soft and flexible with breathable SMS on the back for extra comfort - Limited use coverall for dust and liquid splash protection - CE Class 5/6 - anti static - elastic cuffs - white.

Size M = 01
Size L = 02
Size XL = 03
Size XXL = 04
Size XXXL = 05

Product nr	Description	Type nr	Packing
52.50.006++	RSG Cool Workwear (box 25 pcs)	100601-05	1/25

RSG Microporous Workwear



RSG Microporous NS series:

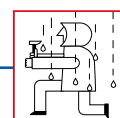
Lightweight, soft and flexible - Limited use coverall for dust and liquid splash protection - CE Class 5/6 - anti static - elastic cuffs - white - same high quality Microporous film but without the nylon strengthening scrim (NS = No Scrim!)

RSG Microporous TS series:

Lightweight, soft and flexible - Limited use coverall for dust and liquid spray protection - with taped seam - CE Class 4 - anti static - elastic cuffs - white.

Size M = 01
Size L = 02
Size XL = 03
Size XXL = 04
Size XXXL = 05

Product nr	Description	Type nr	Packing
52.50.005++	RSG Microporous NS series (box 25 pcs)	100501-05	1/25
52.50.008++	RSG Microporous TS series (box 25 pcs)	100801-05	1/25



PROTECTIVE CLOTHING

RSG Chemical Workwear



RSG Chemical Workwear SS-1 series:

HD/PE barrier film laminate - Lightweight disposable chemical suit for protection against splashes and sprays of hazardous chemicals - CE Class 3 - yellow.

RSG Chemical Workwear Chem 3 series:

Multi layer composite technology with EVOH film barrier & LDPE tie layers - Lightweight disposable chemical suit for protection against splashes and sprays of hazardous chemicals - CE Class 3 - grey.

Size M = 01
Size L = 02
Size XL = 03
Size XXL = 04
Size XXXL = 05

Product nr	Description	Type nr	Packing
52.50.002++	RSG Chemical Workwear SS-1 series (box 10 pcs)	100201-05	1/10
52.50.004++	RSG Chemical Workwear Chem 3 series (box 10 pcs)	100401-05	1/10

RSG Multi Use Chemical Workwear



RSG Multi Use Chemical Workwear FR:

Type 3 & 4 chemical splash suit featuring sealed seams, a double zip and storm flap front fastening and protection against a broad range of commonly used chemicals. With flame retardancy to EN 531 (Index 1).

Size M = 01
Size L = 02
Size XL = 03
Size XXL = 04
Size XXXL = 05

Product nr	Description	Type nr	Packing
52.50.010++	RSG Multi Use Chemical Workwear FR (box 25 pcs)	101001-05	1/25

RSG Multi Use Chemical Workwear



RSG Multi Use Chemical Workwear FR:

Type 3 & 4 chemical splash suit featuring sealed seams, a double zip and storm flap front fastening and protection against a broad range of commonly used chemicals. With flame retardancy to EN 531 (Index 1).

Size M = 01
Size L = 02
Size XL = 03
Size XXL = 04
Size XXXL = 05

Product nr	Description	Type nr	Packing
52.50.011++	RSG Multi Use Chemical Workwear FR (box 10 pcs)	101101-05	1/10



PROTECTIVE CLOTHING

RSG Overshoes



RSG Overshoes - pairs

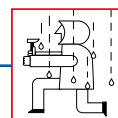
Product nr	Description	Type nr	Packing
52.50.00903	RSG Overshoes - XL - pairs (box 100 pcs)	100903	1/100

RSG Overboots



RSG Overboots - pairs

Product nr	Description	Type nr	Packing
52.50.00913	RSG Overboots - XL - pairs (box 100 pcs)	100913	1/100



PROTECTIVE CLOTHING

Welding cloths splitleather Weldsafe



Weldsafe welding jacket made of lava brown leather with flame retardant impregnated thread, fully stitched with strong and heat-resistant Kevlar. With collar and large innerpocket. Fastens left over right side with snap-fasteners. Fastening is reinforced with velcro overlap fasteners.

The respective welding trousers are supplied complete with belt.

Product nr	Description	Size	Packing
52.66.20150	Welding jacket splitleather.	M	1/8
52.66.20154	Welding jacket splitleather.	L	1/8
52.66.20158	Welding jacket splitleather.	XL	1/8
52.66.20162	Welding jacket splitleather.	XXL	1/8
52.66.20166	Welding jacket splitleather.	XXXL	1/8
52.66.20170	Welding jacket splitleather.	XXXXL	1/8
52.66.20250	Welding trousers splitleather.	M	1/8
52.66.20254	Welding trousers splitleather.	L	1/8
52.66.20258	Welding trousers splitleather.	XL	1/8
52.66.20262	Welding trousers splitleather.	XXL	1/8

Welding cloths super chromed grain leather Weldsafe



Weldsafe welding jacket made of clear/white super grain leather 1.7 mm. With velcro on the collar and snap fastened cuffed sleeves. Special reinforced seams on the shoulder and inner pocket.

The respective welding trousers are supplied complete with belt.

Product nr	Description	Size	Packing
52.64.80310	Welding jacket super chromed grainleather, white.	M	1/8
52.64.80320	Welding jacket super chromed grainleather, white.	L	1/8
52.64.80330	Welding jacket super chromed grainleather, white.	XL	1/8
52.64.80340	Welding jacket super chromed grainleather, white.	XXL	1/8
52.64.81210	Welding trousers super chromed grainleather, white.	M	1/8
52.64.81220	Welding trousers super chromed grainleather, white.	L	1/8
52.64.81230	Welding trousers super chromed grainleather, white.	XL	1/8
52.64.81240	Welding trousers super chromed grainleather, white.	XXL	1/8



PROTECTIVE CLOTHING

Welding apron Weldsafe



Weldsafe welding apron made of white/grey super grain leather 1.7 mm. With adjustable neck and waist straps. Aprons are available in various sizes and qualities.

With adjustable neck and waist straps. Size 90 x 70 mm.

Product nr	Description	Packing
52.64.82000	Super chromed grain leather welding apron, 90 x 70 cm, white/grey.	1/20
52.64.82003	Super chromed grain leather welding apron, 130 x 90 cm, white/grey.	1/12
52.64.82030	Super chromed split leather welding apron, 90 x 70 cm, grey.	1/20
52.64.82033	Super cow chromed split leather welding apron, 90 x 70 cm, redbrown.	1/20
52.64.21420	Super cow split leather welding apron, 90 x 70 cm, mustard yellow.	1/20

Welding sleeves cape type 'Bolero'



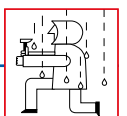
Welding sleeve 'Bolero' type. Fully stitched with strong and heatresistant Kevlar. Protection of arms and shoulders.

EN 340: 2003

EN 470-1: 1995

Product nr	Description	Packing
52.64.78000	Welding sleeve cape, size XL.	1/25

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PROTECTIVE CLOTHING

Welding sleeve with shoulder Weldsafe



Welding sleeve Weldsafe with shoulder protector, made of redbrown splitcowleather. Fully stitched with strong and heat-resistant Kevlar. Protection of arm and shoulder. With buckled shoulderstrap. Per piece.

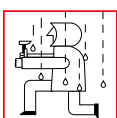
Product nr	Description	Packing
52.64.83215	Left arm welding sleeve Weldsafe made of redbrown split cow leather, 48 cm.	1/25
52.64.83217	Right arm welding sleeve Weldsafe made of redbrown split cow leather, 48 cm.	1/25

Welding sleeves Weldsafe



Welding sleeve Weldsafe made of redbrown split cow leather with flameretardant impregnated thread. Fully stitched with strong and heatresistant Kevlar. Protects the full arm. Topside is adjustable with a leather strap with buckle. Fits left and right arm. Length 48 cm. Per pair.

Product nr	Description	Packing
52.64.83095	Pair of 2 welding sleeves made of redbrown split cow leather, 48 cm.	1/5/25
52.64.83100	Pair of 2 welding sleeves made of brown soft grain leather, 48 cm.	1/5/25
52.64.83101	Pair of 2 welding sleeves made of brown grain leather, both sides with elastic straps, 48 cm.	1/5/25



PROTECTIVE CLOTHING

Leg protectors split leather Weldsafe

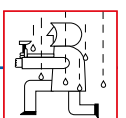


Leg protector Weldsafe made of redbrown split cow leather with flameretardant impregnated threat. Fully stitched with strong and heatresistant Kevlar. For the protection of the lowerleg and foot against heat and sparks. With 2 adjustable leather straps with buckle.

Product nr	Description	Packing
52.64.83422	Redbrown cow splitleather, length 22 cm, per pair.	1/5/25
52.64.83437	Redbrown cow splitleather, length 37 cm, per pair.	1/5/25
52.64.71060	Mustard yellow cow splitleather, length 20 cm, per pair.	1/5/25



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PROTECTIVE CLOTHING

Knee protectors



Professional lined polystyrene knee protector, harmonica model, with removable cushions. Per pair.

Product nr	Description	Packing
52.64.83504	Harmonica model per pair.	1/5

Knee protectors



Knee protectors for use in working cloths with knee pockets.

Product nr	Description	Packing
52.41.88011	Knee protectors per pair.	1/5

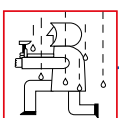


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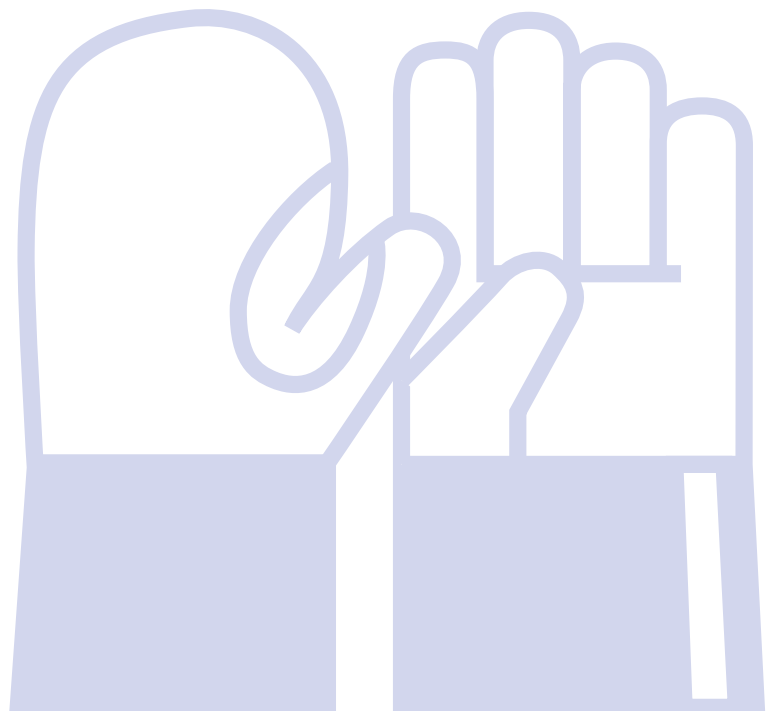
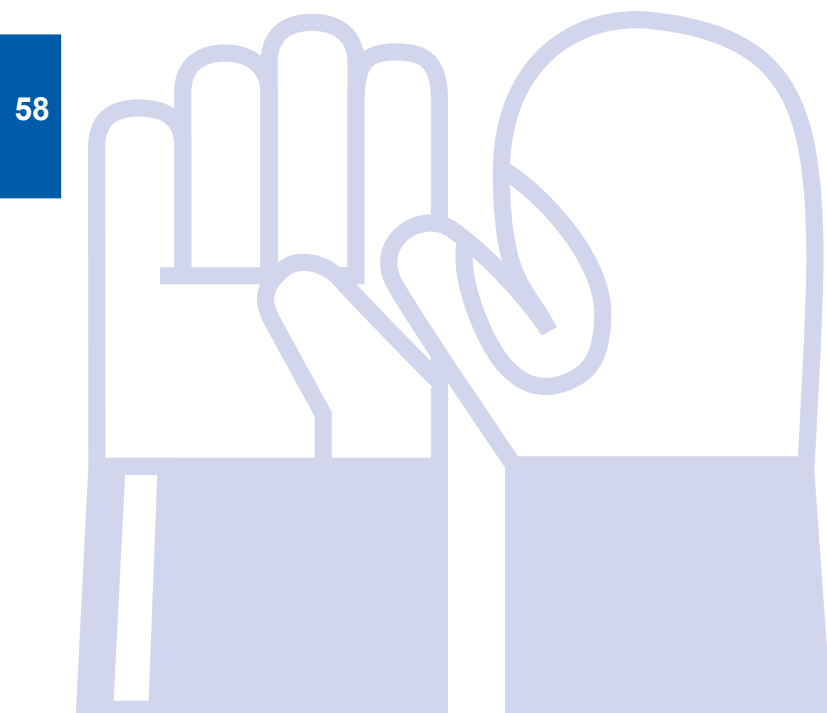


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HAND AND ARM PROTECTION



Protect your hands

Arms and hands are essential within the labour process and we must take particular care of them. The percentage of industrial accidents involving arms and/or hands is over 50%! The cause is often the absence of arm and/or hand protection or incorrect arm and/or hand protection being used.

Category classification:

Depending on the risk, gloves are divided into three categories:

Category 1: gloves with a simple design.

Gloves that offer protection against activities that pose a risk of minor injuries, such as gardening activities or washing up.

Requirements:

- CE mark.
- Instructions for use.
- Technical file must be available.

Category 2: gloves with an intermediate design.

Gloves that offer protection against hazards or serious injuries, such as in the event of mechanical risks (cutting, sanding etc.).

Requirements:

- CE mark.
- Instructions for use.
- Technical file must be available.
- Type approval by a notified body.

Category 3: gloves with a complex design.

Gloves that offer protection against life-threatening risks, such as working with very aggressive chemicals.

Requirements:

- CE mark and identification number.
- Instructions for use.
- Technical file must be available.
- Type approval by a notified body.
- Certified quality guarantee.

An enormous range of work gloves is available to protect the hands, such as work gloves made from leather, cotton, latex, neoprene, nitrile, PVC and fabric etc., each with their own properties and applications.

The main standards for De Vlamboog gloves are:

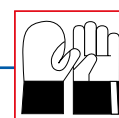
- EN 388:2003: Protective gloves against mechanical hazards.
- EN 407:2004: Protective gloves against thermal hazards.
- EN 12477:2001: Protective gloves for welders.

The requirements for the aforementioned standards are described below.

EN 388:2003: Protective gloves against mechanical hazards.

Using the test results for gloves, which have been tested in accordance with NEN-EN 388, the most suitable glove can be selected to tackle the risk in question. Protection against mechanical risks is depicted by means of a pictogram and 4 numbers (performance level), where the level of each number (from 1 to 5) corresponds with the resistance level against the risk in question.

Description of test	Performance levels					
	1	2	3	4	5	6
A: Resistance to abrasion (revolutions)	<100	100	500	2000	8000	-
B: Resistance to cutting (index)	< 1.2	1.2	2.5	5.0	10.0	20.0
C: Resistance to tearing (Newtons)	< 10	10	25	50	75	-
D: Resistance to perforation (Newtons)	< 20	20	60	100	150	-



EN 407:2004: Protective gloves against thermal hazards (heat and/or fire).

Using the test results for gloves, which have been tested in accordance with NEN-EN 388, the most suitable glove can be selected to tackle the risk in question. Protection against heat and fire-related risks is depicted by means of a pictogram and 6 numbers (performance level), where the level of each number (from 0 to 4) corresponds with the resistance level against the risk in question.

Description of test	Performance levels
A: Behaviour in the event of a fire EN 26941	<X = not tested
B: Contact heat EN 702	0 = below the minimum performance level.
C: Convection heat EN 367	Potential performance levels:
D: Radiant heat EN 366	1 to 4.
E: Small drops of molten metal EN 348	
F: Large quantities of liquid metal EN 373	

EN 12477:2001: Protective gloves for welders.

Protective gloves for welders must satisfy general requirements such as those included in the standard prEN420:1998, except for length, as can be found in the table below.

Dimensions:

Hand size	6	7	8	9	10	11
Minimum glove length (mm)	300	310	320	330	340	350

A distinction can be made between two types of welding gloves: type A and type B.

Type B gloves are advisable when a higher degree of finger sensitivity is required, such as for TIG welding.

Minimum properties:

Requirement:	Standard	Type A	Type B
Electrical insulation	EN 1149-2	$R \geq 106 \Omega$	$R \geq 105 \Omega$
Resistance to abrasion	EN 388	2 (500 rotations)	1 (100 rotations)
Resistance to cutting	EN 388	1 (1,2)	1 (1,2)
Resistance to abrasion	EN 388	2 (25N)	1 (10N)
Resistance to perforation	EN 388	2 (60N)	1 (20N)
Behaviour in the event of fire	EN 407	3	2
Contact heat	EN 407	1 ($T = 100^{\circ}\text{C}$)	1 ($T = 100^{\circ}\text{C}$)
Convection heat	EN 407	2 ($\text{HTI} \geq 7$)	0
Metal droplets	EN 407	3 (25 drops)	2 (15 drops)
Finger sensitivity	EN 420	1 ($\leq 11\text{mm}$)	4 ($\leq 6,5 \text{ mm}$)

Marks:

In accordance with standards EN 420 and EN 12477:

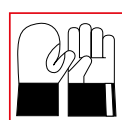
- Each glove must be marked with standard number EN 12477, followed by the letter of the type (A or B).
- Each glove must be marked with pictograms and the qualifications in accordance with standards EN 407 and EN 388.

Pictograms:

EN 388



EN 407





ATG and Tegera gloves are available from De Vlamboog

Weldsafe 863 split cow leather work gloves

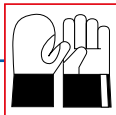
Weldsafe 863 split cow leather work gloves.



- Lined
- Knuckle protection
- Winged thumb
- Index finger
- 7cm rubber cuff
- 3cm wrist protection
- Green-coloured striped jeans
- With reinforced palm.

CE Cat. 2
EN 388 4122

Product nr	Description	Packing
58.40.55863	Working glove split cow leather 863, size L/XL.	12/120



HAND AND ARM PROTECTION

Weldsafe 973 grain cow leather work gloves



Weldsafe 973 grain cow leather work gloves.

- Lined
- Knuckle protection
- Winged thumb
- Index finger
- 7cm rubber cuff
- 3cm wrist protection
- Yellow with blue stripes
- Size 10.5.

CE Cat. 2

EN 388 4122

Product nr	Description	Packing
58.40.55973	Working glove grain cow leather 973, size L/XL.	12/120

Weldsafe 974 grain cow leather work glove



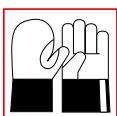
Weldsafe 974 grain cow leather work gloves.

- Lined
- Knuckle protection
- Winged thumb
- Index finger
- 7cm rubber cuff
- 3cm wrist protection
- With reinforced palm
- Yellow with blue stripes
- Size 10.5.

CE Cat. 2

EN 388 4122

Product nr	Description	Packing
58.40.55974	Working glove grain cow leather 974, size L/XL.	12/120



HAND AND ARM PROTECTION

Weldsafe 910 grain cow leather work glove

Weldsafe 910 work gloves, grain cow leather



- Palm with split cow leather back
- Winged thumb
- Index finger
- Red/brown
- Size 10.5.

CE Cat. 2

EN 388 4122

Product nr	Description	Packing
58.40.55910	Working glove grain cow leather 910, size 10.5.	12/120

Weldsafe Tropic goatskin leather work glove

Weldsafe work glove, goatskin leather.

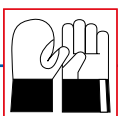


- Palm with interlock back
- Winged thumb
- Index finger
- Blue and light grey
- Size 7/8/9/10/11.

CE Cat. 2

EN 388 4122

Product nr	Description	Packing
58.40.80207	Weldsafe Tropic goatskin leather work glove, size 7.	12/120
58.40.80208	Weldsafe Tropic goatskin leather work glove, size 8.	12/120
58.40.80209	Weldsafe Tropic goatskin leather work glove, size 9.	12/120
58.40.80210	Weldsafe Tropic goatskin leather work glove, size 10.	12/120
58.40.80211	Weldsafe Tropic goatskin leather work glove, size 11.	12/120



HAND AND ARM PROTECTION

Drivers glove grain cow leather



Drivers glove grain cow leather

- Winged thumb
- Index finger
- Light grey
- Size 9/10/11/12

EN 388-4133

Product nr	Description	Packing
58.41.13878-09	Drivers glove grain cow leather, size 9.	12/120
58.41.13878-10	Drivers glove grain cow leather, size 10.	12/120
58.41.13878-11	Drivers glove grain cow leather, size 11.	12/120
58.41.13878-12	Drivers glove grain cow leather, size 12.	12/120

Tegera work glove type 13

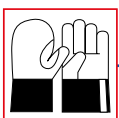


Flexible all-round glove with Velcro fastening.

- In durable full-grain goatskin
- With reinforcement on the fingertips.

EN 388 2000

Product nr	Description	Packing
58.42.00013-11	Tegera work glove type 13, size 11.	12/120



HAND AND ARM PROTECTION

Tegera work glove type 89



Tegera work glove type 89

- Unlined
- 1,0-1,2 mm
- Full grain pigskin
- Cotton
- Full grain pigskin
- Cat. II
- White, beige
- Reinforced index finger
- Reinforced thumb
- Elasticated 180°.

EN 388 3111

Product nr	Description	Packing
58.42.00089-10	Tegera work glove type 89, size 10.	6/120

Tegera work glove type 103

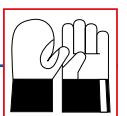


Tegera work glove type 103

- Half-lined
- 1,2-1,4 mm
- Full grain cowhide
- Cotton
- Full grain cowhide
- 4 rsey
- Cat. II
- Black / beige
- Reinforced index finger
- Reinforced fingers and thumb
- Elasticated 180°,
- For heavy work.

EN 388 3121

Product nr	Description	Packing
58.42.00103-10	Tegera work glove type 103, size 10.	6/60



HAND AND ARM PROTECTION

Tegera work glove type 113



Tegera work glove type 113

- Unlined
- 0,6-0,7 mm
- Full grain pigskin
- Cotton
- Cat. II
- Blue, black, grey, white
- Reinforced index finger
- Reinforced fingertips
- Velcro®
- For fine assembly work.

EN 420

Product nr	Description	Packing
58.42.00113-10	Tegera work glove type 113, size 10.	6/120

Tegera work glove type 114

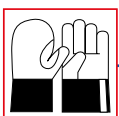


Tegera work glove type 114

- Unlined
- 0,6-0,7 mm
- Full grain goatskin of top quality
- Nylon
- Cat. II
- Grey, white
- Elasticated 180°
- For fine assembly work.

EN 388 2001

Product nr	Description	Packing
58.42.00114-09	Tegera work glove type 114, size 9.	12/120
58.42.00114-10	Tegera work glove type 114, size 10.	12/120
58.42.00114-11	Tegera work glove type 114, size 11.	12/120



HAND AND ARM PROTECTION

Tegera work glove type 116



Tegera work glove type 116

- Unlined
- 0,6-0,7 mm
- Full grain goatskin
- Nylon
- Cat. II
- Grey, white
- Reinforced index finger
- Reinforced fingertips
- Velcro®
- For fine assembly work.

EN 388 2001

Product nr	Description	Packing
58.42.00116-09	Tegera work glove type 116, size 9.	12/120
58.42.00116-11	Tegera work glove type 116, size 11.	12/120

Tegera winter work glove type 117



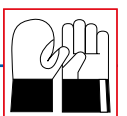
Tegera winter work glove type 117

- Winter-lined
- 0,6-0,7 mm
- Full grain goatskin of top quality
- Nylon, Fleece
- Cat. II
- Grey, white
- Reinforced index finger
- Reinforced fingers and thumb
- Velcro®
- For precision work.

EN 388 2001

EN 511 01x

Product nr	Description	Packing
58.42.00117-09	Tegera winter work glove type 117, size 9.	12/60
58.42.00117-10	Tegera winter work glove type 117, size 10.	12/60



HAND AND ARM PROTECTION

Tegera work glove type 124



Tegera work glove type 124

- Unlined
- 0,6-0,7 mm
- Full grain goatskin
- Nylon
- Cat. II
- Blue, white
- Elasticated 180°
- For fine assembly work.

EN 388 2010

Product nr	Description	Packing
58.42.00124-10	Tegera work glove type 124, size 10.	12/120
58.42.00124-11	Tegera work glove type 124, size 11.	12/120

Tegera work glove type 198

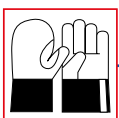


Tegera work glove type 198

- Half-lined
- 1,0-1,2 mm
- Full grain cowhide
- Nylon, dry
- Cat. II
- Green high-viz white
- Reflector
- High-viz colour
- Elasticated 180°
- For heavy work.

EN 388 3121

Product nr	Description	Packing
58.42.00198-10	Tegera work glove type 198, size 10.	12/120



Tegera work glove type 298



Tegera work glove type 298

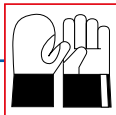
- Winter-lined
- 1,2-1,4 mm
- Full grain cowhide
- Nylon, Fleece
- Cat. II
- Green high-viz
- Reinforced fingers and thumb
- High-viz colour
- Elasticated 180°
- For heavy work.

EN 388 2111

Product nr	Description	Packing
58.42.00298-10	Tegera work glove type 298, size 10.	6/60



58



HAND AND ARM PROTECTION

Tegera work glove type 640



Tegera work glove type 640

- Unlined
- 0,7-0,8 mm
- Full grain goatskin
- Full grain goatskin
- Cat. II
- White
- Reinforced index finger
- Reinforced seams
- Elasticated 180°
- For assembly work.

EN 388 2122

Product nr	Description	Packing
58.42.00640-10	Tegera work glove type 640, size 10.	12/120

Tegera work glove type 6751

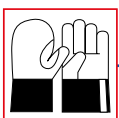


Tegera work glove type 6751

- Unlined
- 0,7-0,8 mm
- Full grain goatskin
- Cotton
- Cat. II
- Grey, white
- Reinforced index finger
- Reinforced fingers and thumb
- Elasticated 180°
- For assembly work.

EN 388 3021

Product nr	Description	Packing
58.42.06751-10	Tegera work glove type 6751, size 10.	12/120



HAND AND ARM PROTECTION

Tegera work gloves cotton type 8026

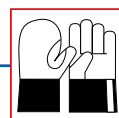


Tegera type 8026 work glove cotton

- Cotton, Nylon
- PVC-dots
- Cat. I
- Beige, black
- Reinforced index- and little finger
- Elasticated 360°
- For all round work.

EN 420

Product nr	Description	Packing
58.42.08026-10	Tegera type 8026 work glove cotton, size 10.	12/300



HAND AND ARM PROTECTION

Weldsafe 725 heat-resistant glove



Weldsafe heat-resistant glove.

- Fully lined
- Winged thumb
- 35 cm model
- Normal stitching (without Kevlar stitching)
- Red brown
- Size 10.5

EN 388 4122

Product nr	Description	Packing
58.43.55725	Weldsafe 725 split cow leather heat resistant glove, size L/XL.	12/120

Weldsafe 726 welding glove palm/split cow leather



Weldsafe 726 welding glove palm/split cow leather.

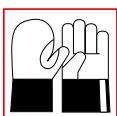
- Full cow split leather welted seams fully lined
- Wing thumb 35cm model
- Kevlar® stitching
- Size 10,5
- Colour mustard yellow
- Printing on the cuff: "Weldsafe" logo, marking CE
- Size 10,5/11,5.

EN 12477A

EN 388 4122

EN 407 431XXX

Product nr	Description	Packing
58.43.55726	Weldsafe 726 welding glove palm/split cow leather.	12/120



HAND AND ARM PROTECTION

Weldsafe 728 welding glove



Glove: full cow split leather welted seams fully lined. Wing thumb 47cm model Kevlar® stitching. Size 10,5, colour mustard yellow
Printing on the cuff: "Weldsafe" logo, marking CE size 10.5.

EN 388 4122
EN 407 431XXX
EN 12477 A

Product nr	Description	Packing
58.43.55728	Welding glove Weldsafe 728.	6/60

Weldsafe 755 split cow leather welding glove with reinforced thumb

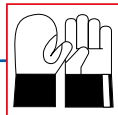


Weldsafe top-quality split cow leather welding glove.

- Fully lined
- With reinforced thumb
- 35cm model
- Kevlar® stitching
- Size 10.5/11/12
- Black in colour.

EN 388 4122
EN 407 431XXX
EN 12477 A

Product nr	Description	Packing
58.43.55755	Weldsafe 755 split cow leather welding glove, size L.	6/60
58.43.55755-11	Weldsafe 755 split cow leather welding glove, size XL.	6/60
58.43.55755-12	Weldsafe 755 split cow leather welding glove, size XXL.	6/60



HAND AND ARM PROTECTION

Weldsafe 980 grain cow leather welding glove



Weldsafe 980 grain cow leather welding glove.

- Winged thumb
- 15cm index finger
- Yellow split leather 20cm cuff
- Kevlar® stitching
- Size 10.5.

EN 388 4122

EN 407 431XXX

EN 12477 A

Product nr	Description	Packing
58.43.55980	Weldsafe 980 grain cow leather welding glove, size L/XL.	10/120

Weldsafe 015 goatskin leather glove

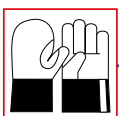


Weldsafe 015 goatskin leather glove.

- Winged thumb
- 15cm index finger
- Normal stitching (without Kevlar® stitching)
- Size 10.5
- Red/brown cuff.

EN 388 4122

Product nr	Description	Packing
58.43.51015	Weldsafe 015 goatskin leather glove, size L/XL.	10/120



HAND AND ARM PROTECTION

Weldsafe TIG welding glove "Deerskin"



Weldsafe TIG deerskin leather glove.

- Fully lined
- Winged thumb
- 15 cm model
- With Kevlar® stitching
- Colour: yellow
- Finger sensitivity: class 5.

EN 388: 2003
EN 407: 2004
EN 12477: 2002+A1:2009 type B
EN 420: 2003+A1:2009 Kat 5

Product nr	Description	Packing
58.43.51058	Weldsafe TIG welding glove "Deerskin", size S	12/120
58.43.51059	Weldsafe TIG welding glove "Deerskin", size M	12/120
58.43.51060	Weldsafe TIG welding glove "Deerskin", size L	12/120
58.43.51061	Weldsafe TIG welding glove "Deerskin", size XL	12/120

Weldsafe 035 goatskin leather TIG welding glove

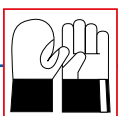


Weldsafe 035 goatskin leather welding glove.

- Winged thumb
- 15cm index finger
- Yellow split leather cuff
- Kevlar® stitching
- Size 10.5.

EN 388 4122
EN 407 431XXX
EN 12477 B

Product nr	Description	Packing
58.43.51035	Weldsafe 035 goatskin leather TIG welding glove, size L/XL.	10/120



HAND AND ARM PROTECTION

Weldsafe MIG welding glove cow leather



Weldsafe MIG welding glove.

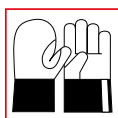
- 5 finger model
- 1.2 mm chrome grain leather-palm and split leather back
- Ccut out of one piece (seamless)
- Size 10½
- Colour natural.

EN 388 3121

EN 407 413X4X

EN 12477 type A

Product nr	Description	Packing
58.44.55275	MIG welding glove, total length 34 cm.	1/100
58.44.55276	MIG welding glove, total length 40 cm.	1/100



Tegera welding glove type 17



Tegera split cow leather welding glove type 17.

- Kevlar® stitching
- Mustard yellow in colour

EN 388 3223

EN 407 413x4x

EN 12477:2001 Type A

Product nr	Description	Packing
58.42.00017-08	Tegera welding glove type 17, size 8.	6/60
58.42.00017-10	Tegera welding glove type 17, size 10.	6/60

Tegera welding glove type 19



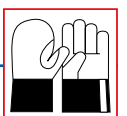
Tegera split cow leather welding glove type 19.

- Kevlar® stitching
- 10cm cuff
- Mustard yellow in colour.

EN 388 3143

EN 407 41324x

Product nr	Description	Packing
58.42.00019-10	Tegera welding glove type 19, size 10.	6/60
58.42.00019-11	Tegera welding glove type 19, size 11.	6/60



HAND AND ARM PROTECTION

Tegera glove type 32



Heat-resistant glove

- Fully lined
- 0,7-0,8 mm
- Full grain goatskin of top quality
- Full grain cowhide
- KEVLAR® fibre
- Cat. II
- Brown, black
- Reinforced index finger
- Water and oil repellent
- Elasticated 180°
- For all-round work.

EN 388 3432

EN 407 41324X

Product nr	Description	Packing
58.42.00032-11	Tegera heat-resistant glove type 32, size 11.	6/60

Tegera welding and heat-resistant glove type 132A



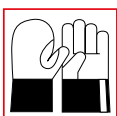
Welding and heat-resistant glove

- Fully lined
- 0,8-1,2 mm
- Full grain goatskin of top quality
- Full grain cowhide of top quality
- Cut resistance level 4, KEVLAR® fiber
- Cat. II
- Brown, black
- Reinforced seams
- Water and oil repellent
- Elasticated 180°
- For all-round work.

EN 388 3243

EN 407 41224x

Product nr	Description	Packing
58.42.00132-10	Tegera welding and heat-resistant glove type 132A, size 10.	12/60
58.42.00132-11	Tegera welding and heat-resistant glove type 132A, size 11.	12/60



HAND AND ARM PROTECTION

Tegera welding glove type 8



Welding and heat-resistant glove

- Unlined
- 0,8-0,9 mm
- Full grain cowhide
- Split grain cowhide
- Cat. II
- White, yellow
- Withstands contact heat up to 100°C, Reinforced seams, Elasticated 180°, for all-round work.

EN 388 3142

EN 407 413x4x

EN 12477:2001 Type B

Product nr	Description	Packing
58.42.00008-08	Tegera welding glove type 8, size 8.	6/60
58.42.00008-10	Tegera welding glove type 8, size 10.	6/60

Tegera welding glove type 118



Heat-resistant glove

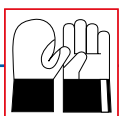
- Unlined
- 0,7-0,8 mm
- Full grain goatskin
- Split grain cowhide
- Cat. II
- Yellow, white
- Reinforced index finger
- Reinforced seams
- Elasticated 180°
- For all-round work.

EN 388 2122

EN 407 413x4x

EN 12477:2001 Type B

Product nr	Description	Packing
58.42.00118-07	Tegera welding glove type 118, size 7.	12/96
58.42.00118-08	Tegera welding glove type 118, size 8.	12/96
58.42.00118-09	Tegera welding glove type 118, size 9.	12/96
58.42.00118-10	Tegera welding glove type 118, size 10.	12/96
58.42.00118-11	Tegera welding glove type 118, size 11.	12/96
58.42.00118-12	Tegera welding glove type 118, size 12.	12/96



HAND AND ARM PROTECTION

Tegera heat-resistant glove type 126A



Heat-resistant glove

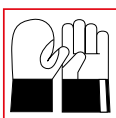
- Unlined
- 0,7-0,8 mm
- Full grain goatskin
- Cat. II
- White, yellow
- Withstands contact heat up to 100°C
- Reinforced seams
- Elasticated 180°
- For precision work.

EN 388 2111

EN 407 412x1x

EN 12477:2001 Type B

Product nr	Description	Packing
58.42.00126-07	Tegera heat-resistant type 126A, size 7.	12/120
58.42.00126-08	Tegera heat-resistant type 126A, size 8.	12/120
58.42.00126-09	Tegera heat-resistant type 126A, size 9.	12/120
58.42.00126-10	Tegera heat-resistant type 126A, size 10.	12/120
58.42.00126-11	Tegera heat-resistant type 126A, size 11.	12/120



Tegera heat-resistant glove type 130



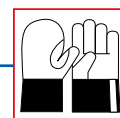
Heat-resistant glove

- Unlined
- 0,7-0,8 mm
- Full grain goatskin
- Cat. II
- White, yellow
- Reinforced index finger
- Reinforced seams
- Elasticated 180°
- For assembly work.

EN 388 2122

EN 407 413040

Product nr	Description	Packing
58.42.00130-09	Tegera heat-resistant type 130, size 9.	12/120
58.42.00130-10	Tegera heat-resistant type 130, size 10.	12/120
58.42.00130-11	Tegera heat-resistant type 130, size 11.	12/120



HAND AND ARM PROTECTION

Tegera cut-resistant gloves type 215



Cut resistant glove

- Fully lined
- 0,6-0,7 mm
- Full grain goatskin of top quality
- Cut resistance level 3
- KEVLAR® fibre
- Cat. II
- Grey, white
- Reinforced index finger
- Reinforced fingertips
- Elasticated 180°
- For precision work.

EN 388 2322

Product nr	Description	Packing
58.42.00215-10	Tegera cut-resistant gloves type 114, size 9.	12/120

Tegera cut resistant gloves type 895

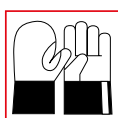


Cut resistant glove

- PU
- Half-dipped
- Dyneema®
- Nylon
- 13 gg
- Smooth finish
- Cut resistance level 3
- Cat. II
- White, grey
- Water and oil repellent palm
- Winter-lined
- For fine assembly work.

EN 388 4342

Product nr	Description	Packing
58.42.00895-10	Tegera cut resistant gloves type 895, size 10.	12/120



Tegera cut resistant gloves type 990



Cut resistant glove

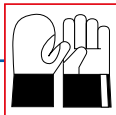
- PU
- Half-dipped
- Dyneema®
- Lycra®
- 13 gg
- Smooth finish
- Cut resistance level 3
- Cat. II
- White
- For precision work.

EN 388 4343

Product nr	Description	Packing
58.42.00990-08	Tegera cut resistant gloves type 990, size 8.	12/120
58.42.00990-09	Tegera cut resistant gloves type 990, size 9.	12/120
58.42.00990-10	Tegera cut resistant gloves type 990, size 10.	12/120



58



HAND AND ARM PROTECTION

Tegera synthetic work glove type 880



Tegera synthetic work glove type 880

- Vinyl
- Half-dipped
- Nylon
- 13 gg
- Sandy finish
- Cat. II
- Black, grey
- Oil and grease resistant palm
- For fine assembly work.

EN 388 4131

Product nr	Description	Packing
58.42.00880-07	Tegera synthetic work glove type 880, size 7.	12/120
58.42.00880-09	Tegera synthetic work glove type 880, size 9.	12/120
58.42.00880-10	Tegera synthetic work glove type 880, size 10.	12/120

Tegera synthetic work glove type 890

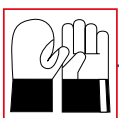


Tegera synthetic work glove type 890

- Unlined
- PU
- Palm-dipped
- Nylon
- 15 gg
- Smooth finish
- Cat. II
- Grey.

EN 388 4131

Product nr	Description	Packing
58.42.00890-10	Tegera synthetic work glove type 890, size 10.	12/240



Welding glove cow leather High-Temp



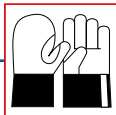
Welding glove cow leather "High Temp"

- 5 finger model
- With lining
- Heat-resistant
- Alu-coated backing
- Fully Kevlar stitched.

Product nr	Description	Packing
58.44.55000	Welding glove cow leather "High Temp".	1/100



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HAND AND ARM PROTECTION

Heat-resistant IHR coated glass fibre fabric glove



Heat-resistant working glove

- IHR coated glass fibre fabric
- 5 finger model
- 3 layers on palm side
- Backside with 2 layers
- Heat-resistant till 900°C
- Length 30 cm.

Product nr	Description	Packing
58.56.51030	IHR coated glassfibre fabric.	1/10

TIG hand protector



TIG hand protector

- Glass fibre fabric with one sided alu-fix coating
- With 2 elastic straps.

Product nr	Description	Packing
58.56.55010	Hand protector.	1/150

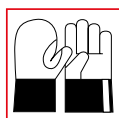


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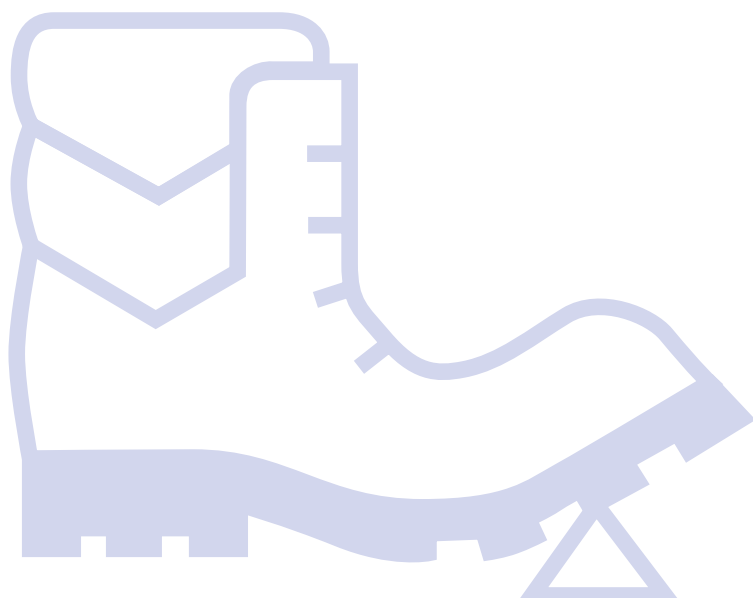
⚠ LAS welding shoes/boots	288
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FOOT AND LEG PROTECTION

61



Protect your feet

Standardisation

All safety shoes and boots in this catalogue are covered by the European standard ISO 20345 — footwear that comes with a toe cap that can withstand energy charges of less than or equal to 200 J

In addition to the general requirements that safety shoes must satisfy, a number of specific standards and requirements still apply that are associated with the conditions in which these shoes are used.

Classification within ISO 20345

S1

Shoes that are used in dry conditions.

Shoes with perforated leather upper or made from suede leather.

Requirements: enclosed heel, energy-absorbing cap, antistatic, energy absorption in the heel.

S2

Shoes that are used in damp conditions or where such conditions can be expected.

Requirements: as S1 + waterproof and water absorption > 60 minutes.

S3

Shoes that are used in places where you run the risk of stepping in sharp objects (glass, chips, nails).

Requirements: as S2 + a non-perforable midsole.

Specifically for boots:

S4

A shoe or boot that has been moulded or vulcanised from a single piece of material.

Requirements: enclosed heel, energy-absorbing cap, oil-resistant sole, antistatic properties, energy-absorbing sole.

S5

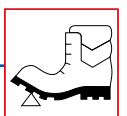
As S4 + non-perforable midsole + studded sole.

Explanation of S marks

S1	Enclosed heel, energy-absorbing cap, antistatic and energy absorption in the heel.
S2	S1 + waterproof.
S3	S2 + non-perforable midsole.
S4	Boot or shoe moulded or vulcanised from a single piece of material, energy-absorbing cap and sole, enclosed heel, antistatic properties, oil-resistant sole.
S5	S4 + non-perforated midsole + studded sole.

Explanation of the extra tests in accordance with standard ISO 20345

P	Anti-perforation sole.
CI	Sole that insulates against the cold.
HRO	Sole resistant to heat when it comes into contact with it.
SRO	Sole is slip resistant.
ESD	Protection against electrostatic discharge.



FOOT AND LEG PROTECTION

JALAS 1550 Low Heat and Welding



Features: ProNose toe reinforcement, wide fit, KEVLAR® thread in the seams which resists 427°C short-term heat exposure (max operating limit) and 204°C longer-term heat exposure (constant operating limit), heat-resistant upper, heat-resistant outsole, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, water repellent, double shock absorption zones.

Properties: Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption.

Primary environments of use: Outdoors, indoors, all-year use, warm surfaces.

Toecap Material: Aluminium

Fitting: Wide

Size Range: 36-47

Platform: Enduro

Sole Material: PU midsole, plastic shank, rubber outsole

Insole: FX2 Pro

Insole Material: Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

Upper Material: PU-coated leather

Pronose Material: PU

Lining Material: Cambrelle®, polyester

Safety class: S2 SRC HRO CI

EN 20345:2011

Product nr	Description	Packing
61.32.01550	JALAS 1550 Low, size 36-47.	1/1

JALAS 3358S Easy Grip Heat and Welding



Features: ProNose toe reinforcement, KEVLAR® thread in the seams which resists 427°C short-term heat exposure (max operating limit) and 204°C longer-term heat exposure (constant operating limit), heat-resistant upper, heat-resistant outsole, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD), heat-resistant, withstands welding sparks and grinding splash.

Properties: Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption.

Primary environments of use: Outdoors, warm surfaces, environments with risk for outsole penetration, harsh environments.

Nail Protection Material: Steel

Toecap Material: Aluminium

Fitting: Regular, **Size Range:** 36-47

Platform: Grip

Sole Material: PU midsole, rubber outsole

Insole: FX2 Pro **Insole Material:** Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

Upper Material: PU-coated leather, split leather

Pronose Material: PU

Lining Material: Polyester, polyamide

Safety class: S3 HRO SRB, EN 20345:2011

Product nr	Description	Packing
61.32.03358	JALAS 3358S Easy Grip, size 36-47.	1/1



FOOT AND LEG PROTECTION

JALAS 1848 Titan+ Heat and Welding



Features: ProNose toe reinforcement, wide fit, KEVLAR® thread in the seams which resists 427°C short-term heat exposure (max operating limit) and 204°C longer-term heat exposure (constant operating limit), heat-resistant upper, heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, ventilating insole, pull loops, water repellent, double shock absorption zones.

Properties: Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption.

Primary environments of use: Outdoors, indoors, all-year use, warm surfaces, environments with risk for outsole penetration.

Nail Protection Material: Steel

Toecap Material: Aluminium

Fitting: Wide

Size Range: 36-48

Platform: Enduro

Sole Material: PU midsole, rubber outsole

Insole: FX2 Pro

Insole Material: Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

Upper Material: PU-coated leather

Pronose Material: PU

Lining Material: Cambrelle®, polyester

Safety class: S3 SRC CI HRO, EN ISO 20345:2011

Product nr	Description	Packing
61.32.01848	JALAS 1848 Titan+, size 36-48.	1/1

JALAS 3941 Hunter Heat and Welding



Features: ProNose toe reinforcement, KEVLAR® thread in the seams which resists 427°C short-term heat exposure (max operating limit) and 204°C longer-term heat exposure (constant operating limit), heat-resistant upper, heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, ventilating insole, pull loops, zipper, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD), heat-resistant, withstands welding sparks and grinding splash.

Properties: Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption.

Primary environments of use: Outdoors, indoors, all-year use, warm surfaces, environments with risk for outsole penetration.

Nail Protection Material: Steel

Toecap Material: Aluminium

Fitting: Wide

Size Range: 36-48

Platform: Enduro

Sole Material: PU midsole, rubber outsole

Insole: FX2 Pro

Insole Material: Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

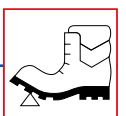
Upper Material: PU-coated leather

Pronose Material: PU

Lining Material: Cambrelle®, polyester

Safety class: S3 SRC CI HRO, EN ISO 20345:2011

Product nr	Description	Packing
61.32.03941	JALAS 3941 Hunter, size 36-48.	1/1



FOOT AND LEG PROTECTION

JALAS 1868 King Heat and Welding



Features: ProNose toe reinforcement, Thinsulate™ heat insulation, wide fit, KEVLAR® thread in the seams which resists 427° C short-term heat exposure (max operating limit) and 204° C longer-term heat exposure (constant operating limit), heat-resistant upper, heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, ventilating insole, pull loops, water repellent, double shock absorption zones.

Properties: Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption.

Primary environments of use: Outdoors, indoors, all-year use, warm surfaces, environments with risk for outsole penetration, harsh environments.

Nail Protection Material: Steel

Toecap Material: Aluminium

Fitting: Wide **Size Range:** 36-48

Platform: Enduro

Sole Material: PU midsole, rubber outsole

Insole: FX2 Pro **Insole Material:** Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

Upper Material: PU-coated leather

Pronose Material: PU

Lining Material: Cambrelle®, polyester, Thinsulate®

Safety class: S3 SRC CI HRO, EN 20345:2011

Product nr	Description	Packing
61.32.01868	JALAS 1868 King, size 36-48.	1/1

JALAS 1898 Winter King Heat and Welding



Features: ProNose toe reinforcement, wide fit, KEVLAR® thread in the seams which resists 427°C short-term heat exposure (max operating limit) and 204°C longer-term heat exposure (constant operating limit), heat-resistant upper, heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, pull loops, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD), antibacterial fibre – prevents odours, heat-resistant, withstands welding sparks and grinding splash.

Properties: Highest level of protection, excellent grip, excellent fit, extra comfortable, extremely warm, excellent shock absorption.

Primary environments of use: Outdoors, warm surfaces, environments with risk for outsole penetration, cold environments, harsh environments.

Nail Protection Material: Plasma-treated composite (PTC) textile.

Toecap Material: Aluminium

Fitting: Wide **Size Range:** 36-50 **Platform:** Enduro

Sole Material: PU midsole, plastic shank, rubber outsole

Insole: FX2 Winter **Insole Material:** Textile, aluminium foil, soft EVA, merino wool, double shock absorption zones in Poron® XRD™

Upper Material: PU-coated leather **Pronose Material:** PU

Lining Material: Bio-ceramic fur, Meida® thermo insulation, aluminium foil

Safety class: S3 SRC CI HRO, EN 20345:2011

Product nr	Description	Packing
61.32.01898	JALAS 1898 Winter King, size 36-50.	1/1



FOOT AND LEG PROTECTION

JALAS 3150 Trek



Features: Heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, ventilating insole, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD).

Properties: Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption.

Primary environments of use: Outdoors, all-year use.

Toecap Material: Aluminium

Fitting: Regular, **Size Range:** 36-47 **Platform:** Grip

Sole Material: PU midsole, plastic shank, rubber outsole

Insole: FX2 Pro **Insole Material:** Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

Upper Material: PU-coated leather, textile

Lining Material: Polyester, polyamide

Safety class: S2 HRO SRB, EN 20345:2011

Product nr	Description	Packing
61.32.03150	JALAS 3150 Trek, size 36-47.	1/1

JALAS 4768 Fire



Features: D3O® impact protection zone, KEVLAR® thread in the seams which resists 427°C short-term heat exposure (max operating limit) and 204°C longer-term heat exposure (constant operating limit), heat-resistant upper, heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, ventilating insole, pull loops, waterproof, reflector, specially designed details, double shock absorption zones, heat-resistant, withstands welding sparks and grinding splash.

Properties: Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption.

Primary environments of use: Outdoors, all-year use, environments with risk for outsole penetration, wet environments, harsh environments.

Nail Protection Material: Steel

Toecap Material: Aluminium

Fitting: Regular **Size Range:** 36-48

Sole Material: Solid rubber outsole

Insole: FX2 Pro **Insole Material:** Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

Upper Material: PU-coated leather

Lining Material: Polyamide, Porelle®, D3O®

Safety class: S3 SRC CI HRO, EN 20345:2011

Product nr	Description	Packing
61.32.01868	JALAS 4768 Fire, size 36-48.	1/1



FOOT AND LEG PROTECTION

JALAS 1738 Zenit Easyroll



Features: ProNose toe reinforcement, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, Boa® closure system, quick-tie, stabilizer, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD).

Properties: Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption.

Primary environments of use: Outdoors, environments with risk for outsole penetration.

Toecap Material: Aluminium

Fitting: Regular

Size Range: 36-47

Platform: Zenit

Sole Material: PU midsole, plastic shank, RPU outsole

Insole: FX2 Supreme

Insole Material: Textile, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™

Upper Material: PU-coated leather, split leather

Lining Material: Polyester, polyamide

Safety class: S3 SRC, EN 20345:2011

Product nr	Description	Packing
61.32.01738	JALAS 1738 Zenit Easyroll, size 36-47.	1/1

JALAS 3018 Zenit



Features: ProNose toe reinforcement, oil-resistant outsole, anti-static properties, padded shaft edge in memory foam, ventilating insole, stabilizer, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD).

Properties: Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption.

Primary environments of use: Outdoors, environments with risk for outsole penetration.

Toecap Material: Aluminium

Fitting: Regular

Size Range: 36-47

Platform: Zenit

Sole Material: PU midsole, plastic shank, RPU outsole

Insole: FX2 Supreme

Insole Material: Textile, soft EVA, merino wool, double shock absorption zones in Poron® XRD™

Upper Material: PU-coated leather, split leather

Lining Material: Polyester, polyamide

Safety class: S3 SRC, EN 20345:2011

Product nr	Description	Packing
61.32.03018	JALAS 3018 Zenit, size 36-47.	1/1



FOOT AND LEG PROTECTION

JALAS 9538 Exalter Easyroll



Features: Low weight, heat-resistant outsole, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, Boa® closure system, quick-tie, stabilizer, ergonomically shaped, specially designed details, double shock absorption zones, conforms with IEC 61340-5-1 (ESD), antibacterial fibre – prevents odours, good environmental choice.

Properties: Highest level of protection, excellent grip, excellent fit, extra comfortable, breathable, excellent shock absorption, light.

Primary environments of use: Indoors, environments with risk for outsole penetration.

Toecap Material: Aluminium

Fitting: Regular

Size Range: 36-47

Platform: Performance

Sole Material: PU midsole, plastic shank, rubber outsole

Insole: FX3 Exalter2

Insole Material: Textile, soft EVA, rigid EVA, polyester-based conductive thread, neo foam, double shock absorption zones in Poron® XRD™

Upper Material: Microfiber, textile

Lining Material: Hygienical polyamide

Safety class: 1 P SRC HRO, EN 20345:2011

Product nr	Description	Packing
61.32.09538	JALAS 9538 Exalter Easyroll, size 36-47.	1/1

JALAS 9548 Exalter Easyroll



Features: Low weight, heat-resistant outsole, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, Boa® closure system, quick-tie, stabilizer, ergonomically shaped, specially designed details, double shock absorption zones, conforms with IEC 61340-5-1 (ESD), antibacterial fibre – prevents odours, good environmental choice.

Properties: Highest level of protection, excellent grip, excellent fit, extra comfortable, breathable, excellent shock absorption, light.

Primary environments of use: Indoors, environments with risk for outsole penetration.

Toecap Material: Aluminium

Fitting: Regular

Size Range: 36-47

Platform: Performance

Sole Material: PU midsole, plastic shank, rubber outsole

Insole: FX3 Exalter2

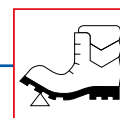
Insole Material: Textile, soft EVA, rigid EVA, polyester-based conductive thread, neo foam, double shock absorption zones in Poron® XRD™

Upper Material: Microfiber, textile

Lining Material: Hygienical polyamide

Safety class: 1 P SRC HRO, EN 20345:2011

Product nr	Description	Packing
61.32.09548	JALAS 9548 Exalter Easyroll, size 36-47.	1/1



FOOT AND LEG PROTECTION

JALAS 1605 E-Sport



Features: Low weight, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, reflector, double shock absorption \varnothing nes, conforms with IEC 61340-5-1 (ESD).

Properties: Excellent grip, excellent fit, extra comfortable, breathable, good shock absorption, light.

Primary environments of use: Indoors, environments with risk for outsole penetration, dry environments.

Toecap Material: Aluminium

Fitting: Regular

Size Range: 36-47

Platform: M-Sport

Sole Material: Plastic shank, PU outsole

Insole: FX2 Classic

Insole Material: Textile, soft EVA, polyester-based conductive thread, shock absorption \varnothing ne in Ergothan

Upper Material: PU-coated leather, split leather

Lining Material: Polyester, polyamide

Safety class: 1 P SRC, EN 20345:2011

Product nr	Description	Packing
61.32.01605	JALAS 1605 E-Sport, size 36-47.	1/1

JALAS 1615 E-Sport



Features: Low weight, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, water repellent, reflector, double shock absorption \varnothing nes, conforms with IEC 61340-5-1 (ESD).

Properties: Excellent grip, excellent fit, extra comfortable, good shock absorption, light.

Primary environments of use: Outdoors, indoors, environments with risk for outsole penetration.

Toecap Material: Aluminium

Fitting: Regular

Size Range: 36-47

Platform: M-Sport

Sole Material: Plastic shank, PU outsole

Insole: FX2 Classic

Insole Material: Textile, soft EVA, polyester-based conductive thread, shock absorption \varnothing ne in Ergothan

Upper Material: PU-coated leather, split leather

Lining Material: Polyester, polyamide

Safety class: S3 SRC CI, EN 20345:2011

Product nr	Description	Packing
61.32.01615	JALAS 1615 E-Sport, size 36-47.	1/1



FOOT AND LEG PROTECTION

JALAS 1625 E-Sport



Features: Low weight, oil-resistant outsole, anti-static properties, padded boot shaft, ventilating insole, water repellent, reflector, double shock absorption zones, conforms with IEC 61340-5-1 (ESD).

Properties: Highest level of protection, excellent grip, excellent fit, extra comfortable, good shock absorption, light.

Primary environments of use: Outdoors, indoors, environments with risk for outsole penetration.

Toecap Material: Aluminium

Fitting: Regular

Size Range: 36-47

Platform: M-Sport

Sole Material: Plastic shank, PU outsole

Insole: FX2 Classic

Insole Material: Textile, soft EVA, polyester-based conductive thread, shock absorption zone in Ergothan

Upper Material: PU-coated leather, split leather

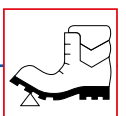
Lining Material: Polyester, polyamide

Safety class: S3 SRC CI, EN 20345:2011

Product nr	Description	Packing
61.32.01625	JALAS 1625 E-Sport, size 36-47.	1/1



61



FOOT AND LEG PROTECTION

JALAS 6006 Shoelace



Shoelace, Nomex®, black

Material: Nomex®

Colour: Black

Size Range: 100, 150

Length: 100cm 150cm

Product nr	Description	Packing
61.32.06006-100	Shoelace, Nomex®, black 100 cm	1/1
61.32.06006-150	Shoelace, Nomex®, black 150 cm	1/1

Shoe Maintenance Kit



Shoe Maintenance Kit

Features:

Polishing tissue, black shoe polish, impregnating spray, shoe cream, brush, bag.

Product nr	Description	Packing
61.32.08019-1	Shoe Maintenance Kit	1/1

JALAS 8214 flame retardant sock



Sock, aramid, beech, elastane, Lenzing FR®, polyester, black, flame retardant, breathable, half terry cloth, antibacterial fibre – counteracts odours, withstands welding sparks and grinding splash.

Features:

Flame retardant, soft, washable in 40° C, half terry cloth, antibacterial fibre – prevents odours, moisture-wicking, thin, withstands welding sparks and grinding splash.

Properties:

Durable, extra comfortable, very breathable

Size Range:

36-38, 39-41, 42-43, 44-45, 46-47

Product nr	Description	Packing
61.32.08214	JALAS 8214 flame retardant sock	6/60



FOOT AND LEG PROTECTION

JALAS 8709H high arch support



Insole for high arches, textile, soft E.V.A, polyester based electro conductive thread, Control bar in TPU, double shock absorption zones in Poron® XRD™, blue, black, heel/arch support, approved for use in all JALAS® protective shoes, anatomically designed.

Features:

ESD, anatomically designed, ergonomically shaped, heel/arch support, perforated front section, cuttable, high arch, double shock absorption zones, approved for use in all JALAS® protective shoes.

Size Range:

34-35, 36-37, 38-39, 40-41, 42-43, 44-45, 46-47, 48-50

Product nr	Description	Packing
61.32.08709	JALAS 8709H high arch support	6/60

JALAS 8710M medium arch support



Insole for medium arches, textile, soft E.V.A, polyester based electro conductive thread, Control bar in TPU, double shock absorption zones in Poron® XRD™, green, black, heel/arch support, approved for use in all JALAS® protective shoes, anatomically designed.

Features:

ESD, anatomically designed, heel/arch support, perforated front section, cuttable, medium height arch, double shock absorption zones, approved for use in all JALAS® protective shoes.

Size Range:

34-35, 36-37, 38-39, 40-41, 42-43, 44-45, 46-47, 48-50

Product nr	Description	Packing
61.32.08710	JALAS 8710M medium arch support	6/60

JALAS 8711L low arch support



Insole for low arches, textile, soft E.V.A, polyester based electro conductive thread, Control bar in rigid E.V.A, double shock absorption zones in Poron® XRD™, orange, black, heel/arch support, approved for use in all JALAS® protective shoes, anatomically designed.

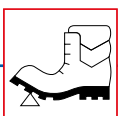
Features:

ESD, anatomically designed, heel/arch support, perforated front section, cuttable, low arch, double shock absorption zones, approved for use in all JALAS® protective shoes.

Size Range:

34-35, 36-37, 38-39, 40-41, 42-43, 44-45, 46-47, 48-50

Product nr	Description	Packing
61.32.08711	JALAS 8711L low arch support	6/60



FOOT AND LEG PROTECTION

Cofra Welder welding shoe



Technical description:

Material: water-repellent grain leather, SANY-DRY® lining, PU-nitrile sole resistant to 300°C, Plastic cap and plastic sole.

Colour: black/blue

Width: 10 Mondopoint size 39/11 Mondopoint 40-48

Safety class: S3 HRO SRC

EN 20345:2011

Product nr	Description	Packing
61.31.13995	Cofra Welder welding shoe high S3, size 39 - 48.	1/1

Cofra Solder welding shoe



Technical description:

Material: with laces, waterproof, full-grain cow leather, PU-nitrile sole resistant to 300°C, poly-Bed® inner sole, leather lining.

Colour: black

Width: 11 Mondopoint

Safety class: S3 HRO

EN 20345:2011

Product nr	Description	Packing
61.31.13992	Cofra Solder welding shoe S3 HRO, size 39 - 47.	1/1

Cofra Jackson safety shoes



Technical description:

Material: water-repellent pull-up nubuck, 100% SOFT BED.

Insulation against cold and heat, PU/nitrile rubber resistant to 300°C (1 minute's contact), non-metal APT midsole,

CAP: Non-metallic TOP RETURN

Colour: brown

Width: 11 Mondopoint

Safety class: S3 WR HRO

EN 20345:2011

Product nr	Description	Packing
61.31.13991	Cofra Jackson safety shoe high S3, size 39 - 47.	1/1



FOOT AND LEG PROTECTION

Cofra Montana safety boot S3

**Technical description:**

Material: water-repellent leather, PU-nitrile sole resistant to 300°C, metatarsal support gel, PU inner sole, Cambrelle® 100% polyamide breathable inner lining and Thinsulate insulation against the cold.

Colour: light brown

Width: 11 Mondopoint

Safety class: S3 CI HRO SRC

EN 20345: 2011

Product nr	Description	Packing
61.31.29073	Offshore Boot Montana S3 CI HRO, size 39 - 48.	1/1

Cofra Abu Dhabi safety boot S3

**Technical description:**

Material: water-resistant leather, Thinsulate® B200 insulation against the cold, PU double-density sole, AIR footbed, antistatic.

Cap: non-metallic TOP Return

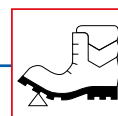
Colour: brown

Width: 11 Mondopoint

Safety class: S3 CI SRC

EN 20345:2011

Product nr	Description	Packing
61.31.62962	Cofra Abu Dhabi S3 CI SRC, size 36 - 47.	1/1



FOOT AND LEG PROTECTION

Cofra Polyurethane Boot Castor S5



Cofra PU working boot. High level of resistance to concrete, mud and lime of any kind. Full POLY-BED®, removable, antistatic. Sizes 36 to 48.

Safety class: S5

EN 20345: 2011

Product nr	Description	Packing
61.31.14069	Cofra Polyurethane Boot Castor S5, sizes 36 - 48.	1/1

Insoles



Material: felt / Texon™
Colour: beige
Available in sizes 39 - 47.

The last 2 digits of the product number = size.

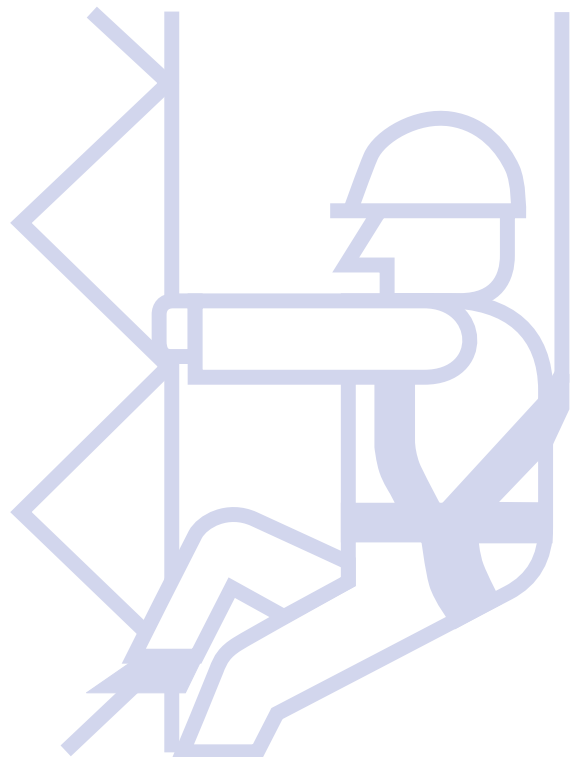
Product nr	Description	Packing
61.52.904..	Insoles felt-Texon™, size 39 - 47.	1/1

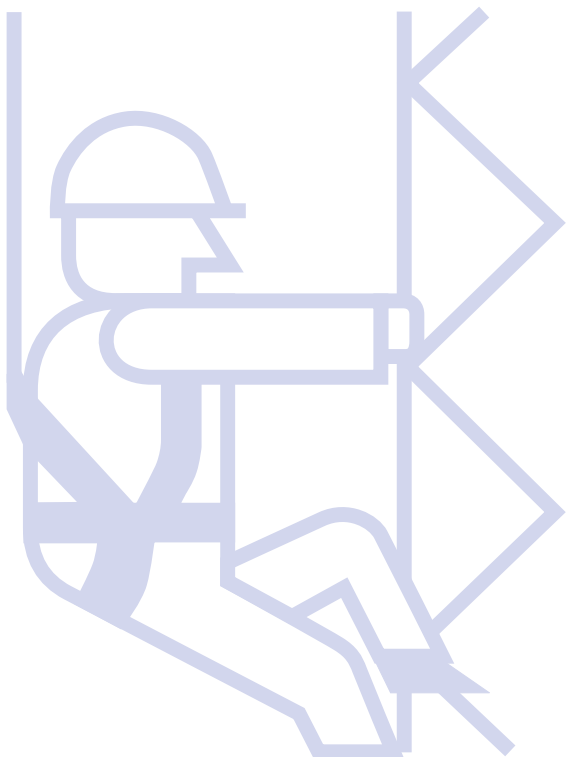


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FALLING PROTECTION

Hipbelt with positioning line



With the positioning line you can provide that you can fall from high heights. The length of the line is 2 meter and supplied with a saponhook. The belt is available in 4 sizes and is 85mm wide.

EN 358.

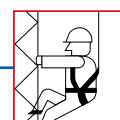
Product nr	Description	Packing
64.40.04225	Length of belt 130 cm.	1/1
64.40.04226	Length of belt 140 cm.	1/1
64.40.04227	Length of belt 150 cm.	1/1
64.40.04228	Length of belt 160 cm.	1/1

Safetyset complete



Safety set consisting of: Harness with D-ring on the back and 1 D-ring on each side, 15 meter safety-line with snap-on hook, rope grip with shock absorber complete with snap-on hook and a positioning line of 4 meters with loops on both sides. The set is supplied in a sturdy steel case.

Product nr	Description	Packing
64.56.00001	Safety set complete.	1/1



FALLING PROTECTION

Full body harness



Fall arrest attachment elements in shoulder section.
2 lateral attachment elements.
Fast release clasp on body and legs straps.
Shoulder, body and legs straps length adjustable.
Weight 1,2 kg.

Product nr	Description	Packing
64.46.01100	Full body harness AX 40.	1/1

Polyamide shock absorber with line, diameter 12 mm



Safety line with 12mm polyamide line damper, a FS 90 hook on one side and an FS 51 EN-355 on the other. Length 1.5 metres.

Product nr	Description	Packing
64.52.79222	Polyamide shock absorber with line, diameter 12 mm, length 1.5 meter.	1/1

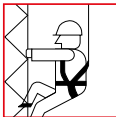


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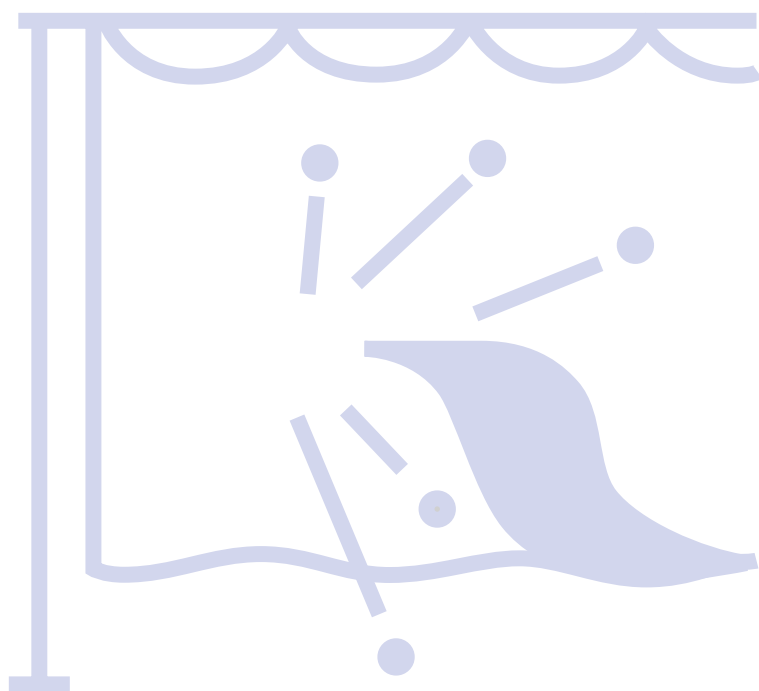
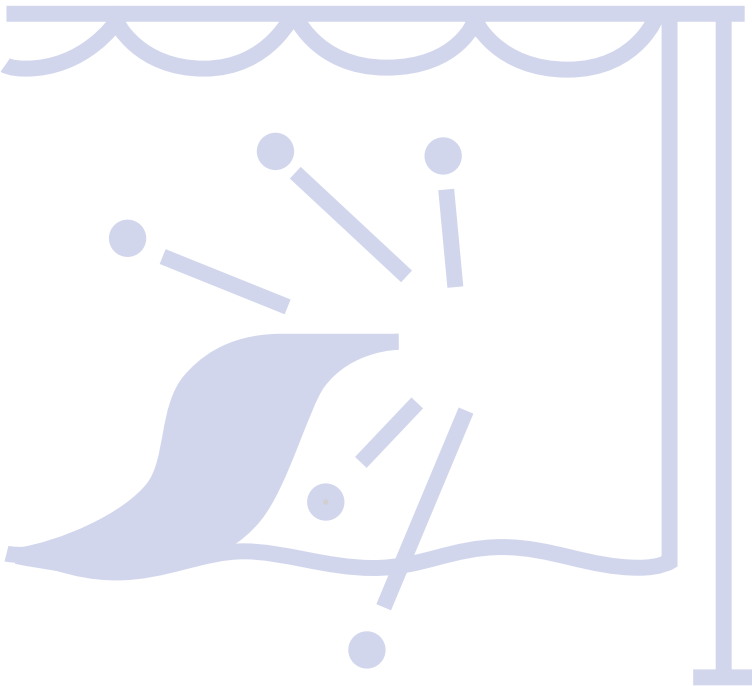


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WELDING BLANKETS & CURTAINS



WELDING BLANKETS & CURTAINS

Weldsafe welding screen



Weldsafe 180 x 180cm welding screen including welding curtain.
Available in orange and green. 174 x 174cm.
Includes eyelets.
Easy to assemble.
The frame comes with wheels.

DIN EN 1598:2002-04

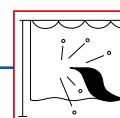
Product nr	Description	Packing
69.55.16066	Welding screen orange.	1/1
69.55.18066	Welding screen green.	1/1
69.55.18266	Frame for curtain 180x180cm.	1/1
69.40.10000	Metal rings for welding curtain, pack 25 pcs.	1/1
69.40.16066	Welding curtain 174x174cm orange.	1/1
69.40.18066	Welding curtain 174x174cm green shade 9.	1/1

Welding screen with welding curtain without swiveling wheels



Welding screen with 2 welding curtains, 2.3 meter wide, without swivel wheels.

Product nr	Description	Packing
69.55.36742	Welding screen with 2 green welding curtains, 2.3 meter wide, without swivel wheels.	1/1
69.55.36744	Welding screen with 2 orange welding curtains, 2.3 meter wide, without swivel wheels.	1/1
69.55.36746	Welding screen with 2 transparent curtains, 2.3 meter wide without swivel wheels.	1/1



WELDING BLANKETS & CURTAINS

Welding screen with welding curtains, swivel arms and swivel wheels



Wedlingscreen with weldingcurtains and 2 swivel arms, 4.5 meter wide with swivel wheels.

Product nr	Description	Packing
69.55.37712	Welding screen with green welding curtains and 2 swivel arms, 4.5 meter wide, with swivel wheels.	1/1
69.55.37714	Welding screen with orange welding curtains and 2 swivel arms, 4.5 meter wide, with swivel wheels.	1/1
69.55.37717	Welding screen with transparant curtains and 2 swivel arms, 4.5 meter wide with swivel wheels.	1/1

Swivel arm with welding curtain

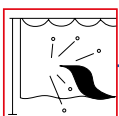


Swivel arm with curtain strips, 1.10 meter wide.

Product nr	Description	Packing
69.55.36792	Swivel arm with green curtain strips, 1.10 meter wide.	1/1
69.55.36794	Swivel arm with orange curtain strips, 1.10 meter wide.	1/1
69.55.36796	Swivel arm with transparant curtain strips, 1.10 meter wide.	1/1

Spare parts for Vlamboog welding curtain standard delux

Product nr	Description	Packing
69.55.36508	Assembly clip for curtain strips, plastic, for 1 inch pipe, with 2 assembly points.	1/50
69.55.37705	Swivel arm 1095 mm, suitable for 1 welding curtain of 1800 mm high and 1400 mm wide, or 4 strips of 300 mm wide.	1/1
69.55.37711	Swiveling wheel, with bolt and nut.	1/1
69.55.37716	Swiveling wheel with brake, with bolt and nut.	1/1



WELDING BLANKETS & CURTAINS

Welding curtains green shade 9



Welding curtains protect the eyes against the welding arc whilst the welder remains visible for his colleagues and supervisor. When used in vertical position the curtain is resistant to welding spatters and grinding sparks. Has fully welded seams and has reinforced eyelets for the curtain hooks. Can be joined together with the snap-on joints. The curtains are resistant to normal tear and wear. Flexible and weather resistant, thickness approximately 0.4 mm.

- Green shade 9 for electric welding, DIN approved.
- Prevents blinding.
- Spark resistant, flame retardent.
- Provide better light and sight in the working place.
- Energy-saving.
- Keep out noise, dust, dirt, moist and cold.
- Well resistant against most oil, grease, acids and lye.

EN-ISO 25980: 2015

Product nr	Description	Packing
69.40.31160	Welding curtains green shade 9, 160 x 140 cm, with mat coating on one side.	1/10
69.40.31180	Welding curtains green shade 9, 180 x 140 cm, with mat coating on one side.	1/10
69.40.31200	Welding curtains green shade 9, 200 x 140 cm, with mat coating on one side.	1/10
69.40.31220	Welding curtains green shade 9, 220 x 140 cm, with mat coating on one side.	1/10
69.40.31240	Welding curtains green shade 9, 240 x 140 cm, with mat coating on one side.	1/10
69.40.31260	Welding curtains green shade 9, 260 x 140 cm, with mat coating on one side.	1/10
69.40.31280	Welding curtains green shade 9, 280 x 140 cm, with mat coating on one side.	1/10

Welding curtains orange

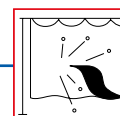


Welding curtains protect the eyes against the welding arc whilst the welder remains visible for his colleagues and supervisor. When used in vertical position the curtain is resistant to welding spatters and grinding sparks. Has fully welded seams and has reinforced eyelets for the curtain hooks. Can be joined together with the snap-on joints. The curtains are resistant to normal tear and wear. Flexible and weather resistant, thickness approximately 0.4 mm.

- Orange for autogeneous welding.
- Prevents blinding.
- Spark resistant, flame retardent.
- Provide better light and sight in the working place.
- Energy-saving.
- Keep out noise, dust, dirt, moist and cold.
- Well resistant against most oil, grease, acids and lye.

EN-ISO 25980: 2015

Product nr	Description	Packing
69.40.35160	Welding curtains orange, 160 x 140 cm, two sides shiny.	1/10
69.40.35180	Welding curtains orange, 180 x 140 cm, two sides shiny.	1/10
69.40.35200	Welding curtains orange, 200 x 140 cm, two sides shiny.	1/10
69.40.35220	Welding curtains orange, 220 x 140 cm, two sides shiny.	1/10
69.40.35240	Welding curtains orange, 240 x 140 cm, two sides shiny.	1/10
69.40.35260	Welding curtains orange, 260 x 140 cm, two sides shiny.	1/10
69.40.35280	Welding curtains orange, 280 x 140 cm, two sides shiny.	1/10



WELDING BLANKETS & CURTAINS

Welding curtains clear transparent



Welding curtains protect the eyes against the welding arc whilst the welder remains visible for his colleagues and supervisor. When used in vertical position the curtain is resistant to welding spatters and grinding sparks. Has fully welded seams and has reinforced eyelets for the curtain hooks. Can be joined together with the snap-on joints. The curtains are resistant to normal tear and wear. Flexible and weather resistant, thickness approximately 0.4 mm.

- Clear transparent for grinding.
- Prevents blinding.
- Spark resistant, flame retardant.
- Provide better light and sight in the working place.
- Energy-saving.
- Keep out noise, dust, dirt, moist and cold.
- Well resistant against most oil, grease, acids and lye.

EN-ISO 25980: 2015

Product nr	Description	Packing
69.40.36160	Welding curtains clear transparent, 160 x 140 cm, two sides shiny.	1/10
69.40.36180	Welding curtains clear transparent, 180 x 140 cm, two sides shiny.	1/10
69.40.36200	Welding curtains clear transparent, 200 x 140 cm, two sides shiny.	1/10
69.40.36220	Welding curtains clear transparent, 220 x 140 cm, two sides shiny.	1/10
69.40.36240	Welding curtains clear transparent, 240 x 140 cm, two sides shiny.	1/10
69.40.36260	Welding curtains clear transparent, 260 x 140 cm, two sides shiny.	1/10
69.40.36280	Welding curtains clear transparent, 280 x 140 cm, two sides shiny.	1/10

Curtain strips



Curtain strips simplify the flow of goods and people through the separation of a welding area. The strips cover the area in a suitable manner and limit the required opening to the size of the person and goods coming through. The strips can be supplied on desired lengths.

EN-ISO 25980: 2015

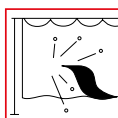
Product nr	Description	Meter
69.40.36412	Green colour 9, 300 x 2 mm.	1/50
69.40.36413	Green colour 9, 300 x 3 mm.	1/50
69.40.36414	Orange, 300 x 2 mm.	1/50
69.40.36415	Clear transparent, 300 x 2 mm.	1/50

Rails for welding curtains



Heavy duty curtain rail and assembly parts for fast and easy arranging separations for shielding working areas from wind, dust and liquids and to create cabins for welding and grinding.

Product nr	Description	Packing
69.55.25000	Welding curtain rail, galvanised steel, size 25 x 24 mm, length 3 meter.	3
69.55.25050	Angle 90°, radius 650 mm.	1
69.55.25100	Nylon roller for curtain rail.	10
69.55.25120	Rubber end for curtain rail.	10
69.55.25130	Ceiling support for curtain rail, 69 x 40 x 2 mm.	10
69.55.25160	Connector for curtain rail, length 9 cm, complete with bolts.	10
69.55.25175	Heavy steel curtain hook, for heavy curtains.	1



WELDING BLANKETS & CURTAINS

Protective umbrellas

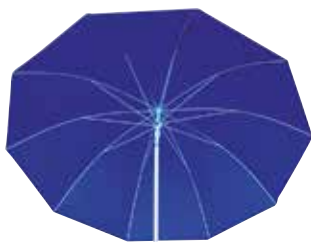


Protective umbrella with bendable mast. Made of double coated nylon fabric in weavelock. A perfect protection against rain and wind. Umbrella diameter Ø 2,2 meter.

EN 343

Product nr	Description	Packing
69.40.40998	Protective umbrella, nylon fabric.	1/10
69.40.40920	Protective umbrella with bendable mast, 2.0 m diameter, colour kaki.	1/10

Welding umbrellas



Welding umbrella with bendable mast and 10 ribs with diameter of 4,5 mm, with a sturdy mast with a 1,5 mm wall thickness (inner diameter 29 mm, outer diameter 32 mm). With waterproof, mould resistant and flame retarding cotton. Colour blue.

EN 343 & EN-ISO 14116, class M2

Product nr	Description	Packing
69.40.40925	Welding umbrella, 2.5 m diameter.	1/4
69.40.40930	Welding umbrella, 3.0 m diameter.	1/1

Welding cushions



Welding cushions, cow split leather with Kevlar stitching.

Product nr	Description	Packing
69.65.20001	Leather cushion with one-side aluminium coating, 50 x 50 x 8 cm.	1/1
69.65.20005	Welding cushion without Alu-coating 50 x 50 x 6 cm.	1/1

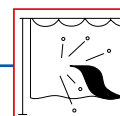
Welding tent



The house-model has a 2x2x2m size. At the front and at the back the fabric can be opened. The opening can be closed by means of eyelets. The stability is improved thanks to the 20 cm protective seams. This canvas is made from flame-retardant, water-repellent polyester, with both sides coated pvc.

The welding tent is available with or without metal frame.

Product nr	Description	Packing
69.49.40010	Welding tent inclusive metal frame.	1/1
69.49.40011	Welding tent exclusive metal frame.	1/1



WELDING BLANKETS & CURTAINS

Sparkshield glass fibre cloth type K, weight 690g/m²



Coated with polyurethane on one side, grey in colour.
Temperature 550°C. Thickness 0.7mm. Catches welding droplets;
extremely suitable for a durable welding and grinding curtain.
Available on 25 x 1m rolls.

Product nr	Description	Mt/packing
69.49.20000	Glasfiber Sparkshield type K.	1/25

Sparkshield welding blanket type LO, weight 450 g/m²



Coated with polyurethane on one side, grey in colour.
Temperature 550°C. Thickness 0.45mm. Catches welding
droplets; extremely suitable for a durable welding and grinding
curtain. Available on 50 x 1m rolls.

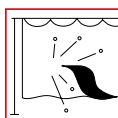
Product nr	Description	Mt/packing
69.49.20005	Glasfiber Sparkshield type LO.	1/25

Sparkshield welding blanket type SL, weight 570g/m²



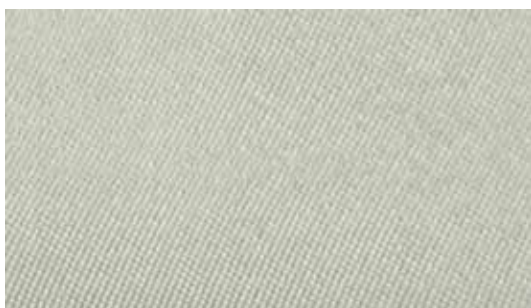
Coated on both sides with silicone rubber, grey in colour.
Temperature 630°C. Thickness 0.55mm. Protection against
sparks and spatters, light welding or protective blanket. Available
on 25 x 1m rolls.

Product nr	Description	Mt/packing
69.49.20010	Sparkshield type SL.	1/25



WELDING BLANKETS & CURTAINS

Sparkshield welding blanket type A, weight 720g/m²



Coated with polyurethane on both sides, grey in colour. Temperature 600°C. Thickness 0.8mm. Protection against sparks and spatters, collects welding droplets; extremely suitable as a durable welding and grinding curtain. Available on 25 x 1m rolls.

Product nr	Description	Mt/packing
69.49.20020	Glass fibre cloth Sparkshield type A.	1/25

Sparkshield welding blanket type SZ, weight 1080g/m²



Coated with silicone rubber on both sides, grey in colour. Temperature 980°C. Thickness 1.0mm. Collection of welding droplets and liquid steel when gouging and cutting, durable welding blanket. Available on 50 x 1m rolls.

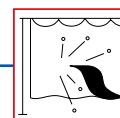
Product nr	Description	Mt/packing
69.49.20050	Glass fibre cloth Sparkshield type SZ.	1/25

Sparkshield welding blanket type H, weight 1100g/m²



Coated with polyurethane on both sides, as well as a high temperature coating for short-term high pressure. Gold in colour. Temperature 750°C, short-term temperature 900°C. Thickness 1.7mm. Collection of welding droplets; extremely suitable for a durable welding and grinding curtain. Available on 25 x 1m rolls.

Product nr	Description	Mt/packing
69.49.20060	Glass fibre cloth Sparkshield type H.	1/25



WELDING BLANKETS & CURTAINS

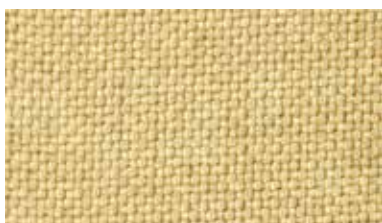
Sparkshield welding blanket type O, weight 1250g/m²



Coated with silicate fabric on both sides, as well as a high temperature coating to minimise fraying. Available in white gold colour. Temperature 1100°C, short-term up to approximately 1600°C. Thickness 1.4mm. Collection of welding droplets and gouging; extremely suitable for working under extreme conditions. Available on 50 x 0.91m rolls.

Product nr	Description	Mt/packing
69.49.20080	Glasfiber cloth Sparkshield type O	1/50

Glass fabric Tyglas, weight 1100g/m²



Glass fabric Tyglas, special coated woven glass fabric, colour brown, 100 cm wide, 1100g/m², thickness 1,5 mm, supplied per meter. Suitable for heavy duty welding and grinding with a continuous temperature of 1000°C and a maximum temperature of 1200°C.

Product nr	Description	Mt/packing
69.49.51398	Glass fabric Tyglas, 1,5 mm, 1100 g/m ² .	1/50

Automotive welding blankets



Automotive welding blankets made of heat resistant Tyglas VC (aluminium coating). The blankets are used in the car repair shops to protect a car when it is being welded on.

Product nr	Description	Packing
69.49.60220	Automotive welding blankets, 2 x 2 meter	1/1

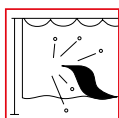


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Ventilators

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TABLE OF CONTENTS VENTILEREN



VENTILATION

Americ® VAF3000B 300mm Ventilator



Americ® VAF3000B fan for 230V.

- 305 mm (12") outlet
- Dual-wall structure
- Portable and stackable
- Both outgoing and extracting air flow
- 3 year warranty

Technical specifications:

- Voltage: 230V 50Hz
- Power: 0.75 kW
- Air outlet: 300mm (12")
- Weight: 14.7kg
- Air displacement: 4200m3 per hour
- Height: 533mm
- Length: 432mm
- Width: 355mm

Product nr	Description	Packing
72.43.03010	Americ® VAF3000B 300mm (12") diameter industrial ventilator 230V.	1

Americ® VAF8000A 500mm Ventilator



Americ® VAF8000A fan for 230V.

- 500mm (20") outlet
- Dual-wall structure
- Both outgoing and extracting air flow
- Lifting eyelet
- 3 year warranty

Technical specifications:

- Voltage: 230V, 50Hz
- Power: 3.73 kW
- Air outlet: 500mm (20")
- Weight: 54kg
- Air displacement: 16,940m3 per hour
- Height: 698mm
- Length: 698mm
- Width: 647mm

Product nr	Description	Packing
72.43.08010	Americ® VAF8000A 500mm (20") diameter industrial ventilator 230V.	1

Americ® VAF3000P 305mm Pneumatic Ventilator



Americ® AF3000P – Pneumatic 305mm industrial ventilator against dangerous sparking. Our energy-efficient, high-performance motor is totally enclosed, giving you the assurance to work safely.

- 3 year warranty
- Voltage 230V, 50Hz
- Air Consumption 3.505 m3/uur
- CFM rating of 2,063 (58.4 m3/min)
- Weighs only 12.7 kg
- Stackable to save storage or work space area
- Powerful 1.1 kW pneumatic motor
- Capability to connect up to 38 m of straight duct
- Redirects stale compressed air away from the main air stream

Product nr	Description	Packing
72.43.03050	Americ® VAF3000P 305mm (12") diameter industrial ventilator 230V	1



VENTILATION

Americ® air ducts



Air ducts for Americ® fans with Quick Connect clamp.

Americ air duct hoses are made of flexible, light duty vinyl, woven polyester.

Each of the ducts are easily retractable and designed to handle large volumes of air at relatively low pressure. In addition, they are flame-retardant and easily connect to fan lips for positive and/or negative air flow. This yellow polyester ducting is flame retardant and is UL listed for UL94-V0, meaning it is self-extinguishing, and passes the most stringent UL94 rating level for this characteristic.

Temperature Range: -29°C to 82°C.

The disposable air ducts (prod. nr. 72.43.25050) can only be used at the emitting side.

Product nr	Description	Packing
72.43.11225	Air duct 300mm x 7,5m (12" x 25') with Quick Connect.	1
72.43.12025	Air duct 500mm x 7,5m (20" x 25') with Quick Connect.	1
72.43.25050	Disposable air duct 300mm x 150m (12" x 500') not-flame retardant.	1
72.43.11227	Static conductive hose 300mm x 7,5m (12" x 25') with Quick Connect	1

Americ® ducts couplers



Connectors for Americ® air ducts.

Product nr	Description	Packing
72.43.30012	Americ® ducts coupler 300mm Ø (galvanized steel).	1
72.43.30020	Americ® ducts coupler 500mm Ø (galvanized steel).	1
72.43.30112	Americ® ducts coupler 300mm Ø (aluminum).	1



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General conditions of sale and delivery of De Vlamboog B.V.
Wijkmeesterstraat 15, Hoofddorp, The Netherlands.

1. General provisions

- 1.1 These conditions shall apply to all offers made by De Vlamboog B.V. or to agreements to be concluded with its customers, whether in writing or oral, or confirmed in writing by De Vlamboog B.V., unless and in so far as they have been explicitly departed from in writing.
- 1.2 De Vlamboog B.V. shall never be bound by general conditions used by a customer, howsoever they are called, unless they are explicitly accepted in writing by De Vlamboog B.V..

2. Offers and proposals

- 2.1 All offers and proposals made by De Vlamboog B.V. are valid for a period of four weeks from the date on which they are made, unless otherwise specified. No agreement shall exist between De Vlamboog B.V. and a customer until De Vlamboog B.V. has accepted or confirmed in writing the customer's order and any special agreements, or until De Vlamboog B.V. has actually started to supply the goods ordered.
- 2.2 In the event of differences between the customer's order or instructions and De Vlamboog B.V.'s written confirmation, the confirmation only shall be binding.
- 2.3 De Vlamboog B.V. is entitled to postpone, either in full or in part, the execution of any agreement during a period in which, at De Vlamboog B.V.'s discretion, exercised in all fairness, the financial position of the customer justifies such postponement, without prejudice to De Vlamboog B.V.'s right to compensation for damages whenever there are grounds therefor and without the customer being entitled to claim any compensation for damages.

3. Delivery period

- 3.1 Stated delivery periods shall be adhered to as closely as possible, but shall not constitute an expiration date for De Vlamboog B.V., unless agreed otherwise in writing. If the delivery period is exceeded, the customer shall not be entitled to claim any damages from De Vlamboog B.V. nor all for the rescission of the agreement.

4. Collection, transport, unloading

- 4.1 De Vlamboog B.V. shall be free to choose the means of transporting the goods to be supplied, unless agreed otherwise or unless the customer arranges for the collection of the goods from De Vlamboog B.V.'s warehouse.
- 4.2 If, regardless of the agreed means of transport, the goods to be supplied to the customer are ready for collection and De Vlamboog B.V. has informed the customer thereof, the customer shall collect the goods within a reasonably short period of time after having been informed.
- 4.3 If De Vlamboog B.V. arranges the transportation of the goods to be supplied, the customer shall ensure that the vehicle or other means of transport is unloaded as quickly as possible after arrival at the agreed destination.
- 4.4 If the customer fails to fulfil any of the obligations stated in the previous two paragraphs, De Vlamboog B.V. shall be entitled to store the goods for the account and risk of the customer, or to hold the goods in storage for the account of the customer, without the customer being entitled to suspend payment of the agreed price.

5. Price

- 5.1 Unless explicitly agreed otherwise, all prices are in Euro's at De Vlamboog B.V.'s warehouse and are exclusive of VAT. Packing costs and advances for freight and other related charges shall be charged separately.

6. Payment

- 6.1 Unless agreed otherwise, the customer shall pay De Vlamboog B.V. the agreed invoiced amount within the period stated on the invoice, without being entitled to any discount not explicitly agreed upon or to compensation or set-off. If the payment term is not stated on the invoice, the customer shall pay the invoiced amount within thirty days of the date of the invoice.
- 6.2 If the customer has not paid the agreed invoiced amount in full within the payment period, the customer shall be in default, without any summons or notification of default being required.
- 6.3 During the period in which the customer is in default as referred to in the previous paragraph, the customer shall owe interest on the amount due equal to the statutory rate of interest plus 1.5 percentage points.
- 6.4 All judicial and extra-judicial costs incurred for the collection of the amount owed by the customer, including the cost of legal assistance, shall be for the account of the customer. Extra-judicial costs shall amount to at least 15% of the invoiced amount.
- 6.5 Payments made by the customer shall always be applied in the first instance to settle any interest and costs owed by the customer and then to the oldest invoices payable, even if the customer states that payment is made in respect of a later invoice. If two or more invoices are of the same age, payment shall be allocated to them proportionally.

7. Right of retention

- 7.1 All goods supplied by De Vlamboog B.V. shall remain the property of De Vlamboog B.V. until the moment that the customer has settled in full his payment obligations in respect of the goods themselves, any Work to be executed (on those goods or otherwise) and any claims in respect of contractual performance. Until that moment, the customer has the right to those goods only for his own use.
- 7.2 De Vlamboog B.V. is irrevocably authorised, without any notice of default being required, to repossess goods that it has supplied to the customer and which remain its property by removing them or having them removed from the place in which they are being held in the event that:
- the customer is in default for longer than two months;
 - the customer applies for a suspension of payment or is bankrupt;
 - one or more of the customer's assets is seized.
- 7.3 If goods supplied by De Vlamboog B.V. to the customer are repossessed, the customer shall be credited with the purchase price thereof, less 25% for costs and damages, without prejudice to any other rights to compensation.

8. Quality and guarantee, Liability

- 8.1. Complaints in respect of the goods supplied shall be submitted by the customer to De Vlamboog B.V. in writing within eight days of actual delivery.
- 8.2. De Vlamboog B.V. guarantees that the quality of the goods supplied shall be to an acceptable standard for normal use. De Vlamboog B.V. shall guarantee specific quality requirements or specific quality standards in respect of the goods supplied only in so far as such standards or requirements have been explicitly agreed upon. De Vlamboog B.V. shall never guarantee, not even if a sample of the goods to be supplied has been sent to the customer in advance, that the goods supplied are suitable for the purpose for which the customer wishes to apply, use or incorporate them. De Vlamboog B.V. shall accept no liability for advice, information, calculations or other particulars given by or on behalf of the customer in respect of the goods supplied.
- 8.3. In so far as a complaint made by the customer about the quality requirements or quality standards of the goods supplied is justified, De Vlamboog B.V. shall repair the goods or replace them with goods of the same type at his discretion.
- 8.4. De Vlamboog B.V. shall not be held liable in any way other than that referred to in the previous paragraph for any damage suffered by the customer, in so far as such does not contravene any applicable mandatory legal provisions. In the event that De Vlamboog B.V. or its managerial or other subordinates commits a tort, De Vlamboog B.V. shall be liable to pay damages for death or bodily harm only. In such event the liability shall be limited to Euro 50,000.
- 8.5. If the agreement entails the supply of goods that De Vlamboog B.V. obtains or has obtained from third parties, De Vlamboog B.V.'s liability shall not exceed the third party's liability to De Vlamboog B.V., in the manner and to the extent that the third party explicitly acknowledges its liability. This condition shall be applied only in so far as it is more beneficial to the customer than the provisions of the previous paragraph.

9. Non-attributable shortcomings (force majeure)

- 9.1 If the execution of the agreement is impeded or hindered due to force majeure, De Vlamboog B.V. shall be free to rescind the agreement with the customer, or to suspend execution thereof, by means of written notification to the customer, without any compensation for damages being claimable. Force majeure shall include:
- work disruption or interruption of whatever nature, in so far as such disruption or interruption is due to circumstances for which De Vlamboog B.V. in all fairness cannot be blamed;
 - delayed or late delivery by De Vlamboog B.V.'s suppliers;
 - transport difficulties or transport problems of whatever nature, as a result of which the transport of goods to or from De Vlamboog B.V.'s place of business is impeded or hindered, in so far as De Vlamboog B.V., according to generally held views in transport circles, is not to blame;
 - one or more of the circumstances referred to in points a to c of article 7.2.

10. Disputes and applicable law

- 10.1. All agreements between De Vlamboog B.V. and the customer shall be governed by the law of the Netherlands only.
- 10.2. All disputes arising from or relating to an agreement, or to the preliminaries to an agreement, with a customer established in the Netherlands shall be referred to the competent court in De Vlamboog B.V.'s place of domicile, unless the customer elects, within one month of De Vlamboog B.V. invoking this condition in writing, for the dispute to be settled by the legally competent court.
- 10.3. All disputes arising from or relating to an agreement, or to the preliminaries to an agreement, with a customer not established in the Netherlands shall be referred to an independent third party, agreed on in mutual consultation, for settlement in accordance with the Arbitration Regulations of the Netherlands Arbitration Institute in Rotterdam. If the parties cannot reach agreement on the appointment of an arbitrator, each party shall nominate an arbitrator. These arbitrators shall then settle the dispute between themselves in accordance with the Arbitration Regulations of the Netherlands Arbitration Institute in Rotterdam.
- 10.4 In the event of a difference of interpretation between the Dutch text and the English text, the Dutch text shall prevail.

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Questions

For questions or comments regarding the above please contact De Vlamboog B.V.

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