

Fiback®

FIBERGLASS WELD BACKING TAPE



Woven fiberglass strip is applied to the back of the weld to eliminate or reduce the need for back purging and create a weld pool enclosure.

Outer adhesive strips adhere to the area surrounding the root gap.

**HIGH HEAT
RESISTANT**

ELIMINATE BACK PURGING

FEATURES

High Heat Resistant

- Fiberglass Withstands Temperatures Up To 1022°F (550°C)

High Quality & Safe Components

- Halogen Free, Virgin Aluminum
- Halogen and Chlorofluorocarbon Free Acrylic Base Adhesive

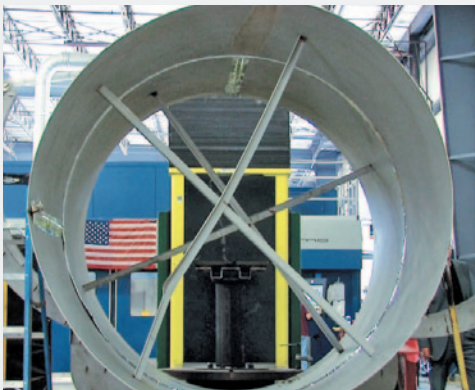
Saves Time/Gas

- Significantly Reduces
 - » Setup Time
 - » Weld Clean Up

Efficiency

- Increases Weld Productivity
- Reduces Costs

AVAILABLE IN 2 AMPERAGES



Flexible

- Conforms to a Number of Surfaces and Shapes
- Ideal for Plate, Sheet and Pipe Welding
- Fiback® Can Be Used for Pressure Vessels, Large Bore Pipes, Shipbuilding, Fabrication and Many More Applications



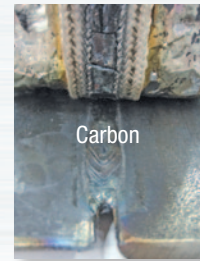
200 AMP Light Duty



600 AMP Heavy Duty

Compatibility & Process Applications

- Suitable for SMAW (stick), TIG and MIG Welding Processes
- Compatible with Carbon, Aluminum Alloy and Stainless Steel

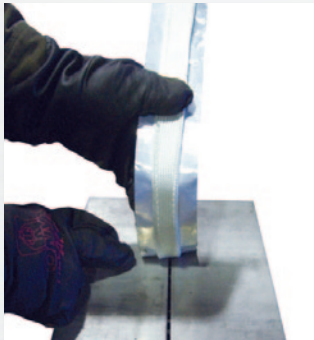


Carbon



Stainless Steel

HOW TO USE FIBACK®



1 ALIGN

Align desired base metals with the required root gap. Center the fiberglass strip over the backside of the root gap.



2 POSITION

Position the fiberglass strip in a convex shape away from the backside of the weld area to contain the purge gas from the torch tip but avoid consuming the material.



3 PRESS

Press adhesive sections of tape along sides, centering fiberglass strip over weld joint and continuing over the entire length of the metals. Upon completion of welding, allow the piece to cool before removing tape.

SPECIFICATIONS

Fiback® Types and Sizes

| ITEM NO. | DESCRIPTION | WIDTH | FIBERGLASS CENTER STRIP WIDTH | LENGTH |
|--------------|-----------------------------------|---------------|-------------------------------|--------------|
| AFBT-2.5-200 | Fiback® Weld Backing Tape 200 AMP | 2.5" (64 mm) | 1 .125" (28.5 mm) | 82' (25 m) |
| AFBT-4.0-200 | Fiback® Weld Backing Tape 200 AMP | 4.0" (102 mm) | 1.5" (38 mm) | 82' (25 m) |
| AFBT-2.5 | Fiback® Weld Backing Tape 600 AMP | 2.5" (64 mm) | 1 .125" (28.5 mm) | 41' (12.5 m) |
| AFBT-4.0 | Fiback® Weld Backing Tape 600 AMP | 4.0" (102 mm) | 1.5" (38 mm) | 41' (12.5 m) |

Heat Resistance

| | | |
|------------------|--------|-------|
| Adhesive | 500°F | 260°C |
| Aluminum Foil | 1100°F | 593°C |
| Fiberglass Strip | 1022°F | 550°C |