

FiBack™

Fiberglass Weld Backing Tape

www.aquasolcorporation.com

Eliminate Back Purging

FiBack™ Weld Backing Tape is a high heat resistant aluminum tape with a woven fiberglass center strip applied to the back of the weld to eliminate or reduce the need for back purging and create a weld pool enclosure.



Woven fiberglass strip is positioned on the back side of the root gap.

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

FEATURES

Flexible

Conforms to a number of surfaces and shapes

High Heat Resistant

Fiberglass withstands temperatures up to 1022°F (550°C)

High Quality & Safe Components

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

Compatible With Many Metals

Including carbon, aluminum, alloy and stainless steel

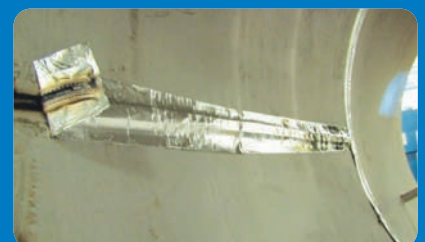
Saves Time/Gas

Significantly reduces setup time, post weld clean up and eliminates back purging

Efficiency

Increases weld productivity and reduces costs

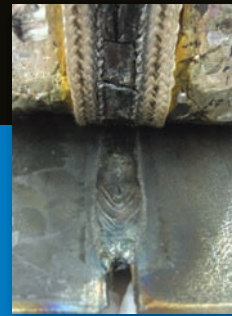
Ideal for plate, sheet and pipe welding; Fiback™ can be used for pressure vessels, large bore pipes, shipbuilding, fabrication and many more applications.



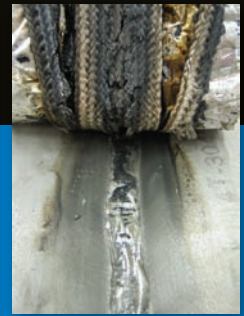
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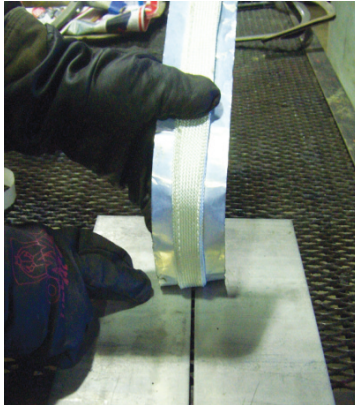
Fiback™ is suitable for SMAW (stick), TIG and MIG welding processes, and is compatible with carbon, alloy and stainless steel as well as aluminum. Fiback™ greatly reduces weld set up time and ensures that weld slag is safely collected in an enclosed weld pool, resulting in a high quality weld.



Carbon



Stainless



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



- 2 For best results using Fiback™ Tape, position the fiberglass strip in a convex shape away from the backside of the weld area. This will contain the purge gas from the torch tip but avoid consuming the material.



- 3 Press the adhesive sections of tape along the sides of the root gap to the base metal, centering the fiberglass strip over the weld joint and continuing over the entire length of the metals being joined.

Upon completion of welding, allow the piece to cool before removing tape.

SPECIFICATIONS:

Item No.	Description	Width	Fiberglass Center Strip Width	Length
AFBT-2.5	Fiback™ Weld Backing Tape	2.5" (64 mm)	1 .125" (28.5 mm)	41' (12.5 M)
AFBT-4.0	Fiback™ Weld Backing Tape	4.0" (102 mm)	1.5" (38 mm)	41' (12.5 M)

Heat Resistance	Fahrenheit	Celsius
Adhesive	500°F	260°C
Aluminum Tape	1100°F	593°C
Fiberglass Strip	1022°F	550°C

For additional product information, quotations and ordering, please contact:

Aquasol Corporation
80 Thompson Street
North Tonawanda, NY 14120 USA
Toll Free: 800.564.WELD(9353)
Phone: 716.564.8888
Fax: 716.564.8889
www.aquasolwelding.com

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