

Scotch™ brand No. 1430 Aluminum Foil/Fiber Tape



Technical Data

SCOTCH BRAND NO. 1430 ALUMINUM FOIL/FIBRE TAPE

DESCRIPTION: A dead soft aluminum foil tape combined with a non-woven web. It has a pressure sensitive adhesive and offers superior sealing benefits of foil with ease of handling and strength of cloth.

CONSTRUCTION:

Backing: 1 mils (.03 mm) aluminum foil and a 4 mil (.1 mm) non-woven web
Adhesive: Transparent acrylic
Color: Silver (shiny)
Roll Length: 60 yards (55 m)

TYPICAL PHYSICAL PROPERTIES: Not Recommended for Specification Purposes

		<u>ASTM METHOD</u>
Adhesion to Steel:	20 oz./in. width (22 N/100mm)	D-3330
Total Thickness:	5.8 mils (.15 mm)	D-3652
Tensile Strength:	16 lbs./in. width (280 N/100mm)	D-3759
Elongation at Break:	24%	D-3759
Water Vapor		
Transmission Rate:	.1g H ² O/100 sq.in./24 hrs. (1.55 g/m ² /24 hrs.)	D-3833

GENERAL INFORMATION:

1. Aluminum backing provides an excellent reflective surface for both heat and light.
2. Performs from -65°F(-54°C) to 300°F(149°C) continuously and has been known to perform when exposed to temperatures in excess of 400°F(204°C) for shorter periods of time, Generally, adhesive transfer occurs on removal when the higher temperature limits are reached.
3. No. 1430 provides an excellent moisture barrier and ultimate adhesion level.
4. It conforms better and doesn't puncture and tear as easily as the thin foil tapes that come on a liner.
5. Because of its excellent handling and edge sealing qualities, it's much easier and faster to apply than the standard foils, especially the lined foils.
6. It can be applied to complex shapes and contoured surfaces easily.
7. The softer backing provides safer handling for worker's hands during the rub-down operation.
8. Best results attained when applied to a clean, dry surface above 32°F(0°C)

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POSSIBLE USES:

1. Sealing or protecting of complex shapes or contoured surfaces.
2. Excellent general purpose duct sealing.
3. Moisture barrier around windows, etc.
4. Electronic sensing of splices for flexible materials.
5. Insulation wrap for hoses and other flexible parts.
6. General sealant indoors or out.

FEATURES

ADVANTAGES

BENEFITS

Aluminum foil backing

Reflects heat and light.
Resists moisture and solvents

Long life protection of parts or equipment

Non-woven web

Flexible and easy to handle.
Excellent edge sealing.
Puncture and tear resistant.

Faster application time.
Reduced rework.
Reduced rework.

Acrylic adhesive

Long aging.
High ultimate bond.

Extended sealing life.
Reduces rework and repair.

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