

Scotch™ brand No. 363 High Temperature Aluminum Foil/Glass Cloth Tape



Technical Data

SCOTCH BRAND NO. 363 HIGH TEMPERATURE ALUMINUM FOIL/GLASS CLOTH TAPE

DESCRIPTION: An aluminum foil/glass cloth tape used as a high temperature, heat reflective, protective wrap for cables and other components in aerospace and industrial applications.

CONSTRUCTION:

Backing:	Aluminum foil laminated to glass cloth
Adhesive:	Silicone (transparent)
Color:	Shiny silver
Standard Roll Length:	36 yards (33m)

TYPICAL PHYSICAL PROPERTIES: Not Recommended for Specification Purposes

		<u>ASTM METHOD</u>
Adhesion to Steel:	60 oz./in. width (65.6 N/100mm)	D-3330
Tensile at Break:	120 lbs./in. width (2101 N/ 100mm)	D-3759
Elongation at Break:	6%	D-3659
Backing Thickness:	Foil: 1 mil (.025mm) Glass Cloth: 2 mils (.05mm)	D-3652
Total Tape Thickness:	8 mils (.2mm)	
Weight:	.0114 lbs./yd./in. width (.0057 kg/m/24mm)	

GENERAL INFORMATION:

1. Light, thin, flexible construction – easily applied to irregular shapes.
2. Performs continuously from – 65°F (-54 °C) to over 600°F (316 °C).
3. Can be qualified to meet MIL-T-832484, Paragraph 3.4.1, thermal radiation resistance.
4. Meets the requirements of F.A.R. 25.835(B)
5. Best results attained when applied to a clean dry surface above 32°F, but can be applied at lower temperatures.

POSSIBLE USES: A heat reflective wrap over insulation, cables, instruments, or other high temperature sensitive materials.

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Page 2

FEATURES

Aluminum foil/glass cloth

Silicone adhesive

ADVANTAGES

Heat reflective
Very high tensile strength
Non-flammable
Conformable

Wide temperature range

BENEFITS

Protects parts from heat
Will not break easily
Will not aid combustion
Can be spiral wrapped with little change in reflectance
Withstands continuous temperatures from -65°F to 600°F (-54°C to 316°C)

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