Heavy Duty Aluminum Foil Tape 438

Product Description	3M [™] Heavy Duty Aluminum Foil Tape 438 has a transparent acrylic adhesive to use when a heavier weight foil is required.			
Product Construction	Backing	Adhesive	Color	Standard Roll Length
	Aluminum foil	Acrylic	Shiny silver	60 yds. (55 m)
Physical Properties	purposes		only and should not be	acou for opcomoditori
Properties				ASTM Test Method
Properties	Adhesion to Steel:		43 oz./in. width (47 N/100 mm	
Properties	Adhesion to Steel: Tensile Strength:		43 oz./in. width (47 N/100 mm 59 lbs./in. width (1033 N/100	n) D-3330
Properties			•	n) D-3330
Properties	Tensile Strength:	:	59 lbs./in. width (1033 N/100	D-3330 mm) D-3759
Properties	Tensile Strength: Elongation at Break	:	59 lbs./in. width (1033 N/100 10%	D-3330 mm) D-3759 D-3759
Properties	Tensile Strength: Elongation at Break Backing Thickness:	:	59 lbs./in. width (1033 N/100 10% 5.0 mils (0.13 mm)	D-3759 D-3759 D-3652

Features

• Flame resistant. Meets U.L. 723, Class "L" low flammability rating (File R 7311).

0.0217 lbs./yd./in. width (0.0109 kg/m/24 mm)

Meets requirements of F.A.R. 25.853(a).

Weight:

- Foil backing provides an excellent reflective surface for both heat and light.
- Aluminum foil backing and acrylic adhesive system combine to offer long aging both indoors and out.
- The high coefficient of expansion offered by the aluminum allows expansion and contraction with changes in temperatures, along with thermal conductivity.
- Performs in a range from -65° to over 300°F (-54° to 149°C). Higher temperatures for shorter periods of time.

3M[™] Heavy Duty Aluminum Foil Tape

Application Ideas

- Barrier, protector and thermal conductor in appliance (electronics) industry.
- Use when customer specification calls for a 5-mil (0.13 mm) foil as a barrier for vinyl coated wires in many applications in appliance industry.
- Patch tears in skins of aircraft and truck trailers.

Storage

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original carton.

Shelf Life

To obtain best performance, use this product within 24 months from date of manufacture.

Product Selection and Use

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This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

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