



1436 Aluminium Foil Tape

Product Data Sheet

Updated : June 2000
Supersedes : July 1999

Product Description

An aluminium foil combined with a rubber adhesive and an easy release liner designed for holding and sealing on a variety of surfaces. 1436 meets low flammability rating according to DIN 4102B1.

Physical Properties

Not for specification purposes

Adhesive Type	Rubber
Backing	Soft Aluminium Foil
Liner	White Silicone Paper (Possible alternative : PE Film)
Shelf Life	12 months from date of despatch by 3M when stored in the original carton at 21°C (70°F) & 50 % Relative Humidity

Performance

Characteristics

Not for specification purposes

Adhesion to Steel AFERA 4001	12 N/10mm	
Tensile Strength AFERA 4001	18 N/10mm	
Elongation at Break AFERA 4005	3.1 %	
Total Tape Thickness	0.075 mm	
Water Vapour Transmission Rate	<1.0 g/m ² x 24 h	
Flammability Rating DIN 4102B1, Reference PA-111 2-216	B1	

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Additional Product Information

- Foil backing provides an excellent reflective surface for both heat and light
- Rubber adhesive bonds to many surfaces.
- Low water vapor transmission rate offers excellent sealing and patching performance.
- Best results obtained when applied to clean dry surfaces above 0 °C.
- Performance range –25 °C to +70 °C; short term +100 °C.

Storage

Store in a dry location, out of direct sunlight and away from all sources of heat. Ideal conditions are 20 °C and 50% relative humidity. Storage in roll form for more than 12 months is not recommended.

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Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations.



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