

Technical data sheet



Product: 1436

Manufacturer: 3M DEUTSCHLAND GMBH

Product group: KLEBEBAND

Article group: EINSEITIG

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3M™ ALUMINIUM FOIL TAPE 1436 & 1436P

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3M™ Aluminium Foil Tape 1436 & 1436P



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 and 1436P meet low flammability rating according to DIN 4102B1.

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



Physical properties

	1436	1436P
Adhesive type	Synthetic Rubber	
Backing	Soft Aluminium	
Backing Thickness	0,025 mm	
Total Tape Thickness (without liner)	0,065 mm	
Liner	0,055 mm siliconized glassine white paper liner	0,065 mm siliconized white paper liner



Typical performance characteristics

Property	Values
Adhesion to steel after 72 hour dwell at room temperature according to AFERA 5001	9,5 N / 10 mm
Tensile strength according to AFERA 4005	18 N / 10 mm
Elongation at break according to AFERA 4005	6%
Water vapour transmission Rate	< 1.0 g/m ² x 24 h
Flammability rating according to DIN 4102 <small>Reference PA-111 2-216</small>	B1
Fire protection class acc. to EN 45545-2/2016 <small>Reference 2000488</small>	R1 / HL3; R7 / HL3



Storage and shelf life

- Store in the original packaging.
- Avoid direct sunlight and other UV-light and heat sources.
- Ideal conditions are 20 °C and 50% relative humidity

If stored properly, product retains its performance and properties for 12 months from the date of manufacturing.

Further technical data

3M can offer extended data for different test conditions and substrates. Please get in touch with your 3M Sales Rep or Application Engineer.

Trademarks: 3M is a trademark of 3M Company.

For additional information: To request additional product information or to arrange for sales assistance, please contact your local 3M organization.

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