

4281

HIGH TEMPERATURE ALUMINIUM FOIL TAPE

General Description

50 micron soft aluminium foil coated with a high quality silicone adhesive system and protected by fluorosiliconized polyester liner. Intended for all applications where very high temperature resistance is required. The silicone adhesive system is designed to bond well to a variety of substrates.

Features

- Very high heat resistance
- Good ageing and moisture resistance

Applications

- Automotive industry
- Heating elements manufacturers
- Thermal insulation
- High temperature masking operations

Technical Data

Property	Value
Product Type	Single coated
Backing Type	Aluminum foil
Adhesive Type	Silicone
Color	Silver
Liner Type	Fluorinated PET film
Liner Color	Clear
Backing Thickness	0,05 mm
Total Thickness	0,085 mm
Peel Adhesion at 180° On Steel	4.50 N/cm
Tensile Strength	35.00 N/cm
Rolling Ball Tack	< 10 cm
Elongation at Break	3%
Short Time Temperature Resistance	300 °C
Temperature Resistance	-70°C/+220 °C
Shelf Life	6 months
Standard Length	50 m
Standard Width	on request



* International harmonized test methods: ASTM D-1000, PSTC, EN 60454-2.

All statements and information listed above regarding this product are typical values for general guidance, these data have not to be intended as conformity specification. These suggestions are based on tests we believe reliable, but are not guaranteed for accuracy and completeness. The user must test, evaluate and validate this product before the use, assuming risks and liability of such use. This document may be revised without prior notice. Suggested storage temperature is between 10°C and 30°C with 50% relative humidity.

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