

CAL.40

ELECTRICALLY CONDUCTIVE ALUMINIUM FOIL TAPE

General Description

40 micron dead soft aluminium foil coated with a high quality conductive acrylic adhesive system and protected by siliconized paper liner. Designed for electrostatic and EMI/RFI shielding, cable wrapping, flexible circuit boards, coils and transformers.

Features

- Good malleability, heat/cold resistance
- UV and ageing resistant
- Good adhesion and initial tack

Applications

- Electrical/Electronics industry
- Automotive and aerospace industry

Technical Data

Property	Value
Product Type	Single coated
Backing Type	Aluminum foil
Adhesive Type	Conductive acrylic
Color	Silver
Liner Type	Monosiliconized paper
Liner Color	White
Backing Thickness	0,04 mm
Total Thickness	0,088 mm
Peel Adhesion at 180° On Steel	4.00 N/cm
Tensile Strength	35.00 N/cm
Rolling Ball Tack	< 10 cm
Elongation at Break	3%
Thermal Class	155 (F)
Short Time Temperature Resistance	180 °C
Flame Retardancy	Yes (UL 510)
Shelf Life	12 months
Standard Length	50 m
Standard Width	1000 mm

* 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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