

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.

Product Features And Applications:

- Good malleability, heat/cold resistance
- UV and ageing resistant
- Good adhesion and initial tack
- Electrical/Electronics industry
- Automotive and aerospace industry



Technical data sheet

PRODUCT TYPE	Single coated
BACKING TYPE	Aluminum foil
ADHESIVE TYPE	Conductive acrylic
COLOR	Silver
LINER TYPE	Monosiliconized paper
LINER COLOR	White
BACKING THICKNESS	40 µm
TOTAL THICKNESS	88 µm
PEEL ADHESION AT 180° ON STEEL	4.00 N/cm
ROLLING BALL TACK	< 10 cm
TENSILE STRENGTH	35.00 N/cm
ELONGATION AT BREAK	3 %
THERMAL CLASS	155 (F)
SHORT TIME TEMPERATURE RESISTANCE	180 °C
FLAME RETARDANCY	Yes (UL 510)
SHELF LIFE	12 months
NOTE 1	Electrical Resistance 0,005 Ohm
STANDARD LENGTH	50 m
STANDARD WIDTH	1000 mm

Flame retardancy (UL.510) based on internal method.

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, the user who downloaded it will automatically be informed of any future revisions. Suggested storage temperature is between 10°C and 30°C with 50% relative humidity.