

# 4536

## COPPER FOIL TAPE



Saint-Gobain® Performance Plastics Corporation, Tape Solutions business

### General Description

36 micron high tensile solderable copper foil coated with a high quality acrylic adhesive system and protected by siliconized paper liner. Intended for electrostatic and EMI/RFI shielding, cable wrapping, flexible circuit boards, coils and transformers.

### Features

- Good malleability, heat/cold resistance
- UV and ageing resistant
- Excellent solderability

### Applications

- Electrical/Electronics industry
- Automotive industry
- Building & construction industry
- Aerospace industry

### Technical Data

Property	Value
Product Type	Single coated
Backing Type	Copper foil
Adhesive Type	Pure acrylic
Color	Copper
Liner Type	Monosiliconized paper
Liner Color	White
Backing Thickness	0,036 mm
Total Thickness	0,075 mm
Peel Adhesion at 180° On Steel	5.50 N/cm
Tensile Strength	65.00 N/cm
Rolling Ball Tack	< 10 cm
Elongation at Break	6%
Thermal Class	155 (F)
Short Time Temperature Resistance	180 °C
Flame Retardancy	Yes (UL 510)
Shelf Life	12 months
Standard Length	33 m
Standard Width	630 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.

**IMPORTANT:** It is the user's responsibility to ensure the suitability and safety of Saint-Gobain products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. Saint-Gobain assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication or application of the products into which the materials are incorporated.

**WARRANTY:** For a period of 12 months, Saint-Gobain warrants this product(s) to be free from defects in manufacturing. The only obligation under any applicable product warranty will be to replace any portion proving defective, or at our option, to refund the purchase price thereof. SAINT-GOBAIN DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.



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