

ELECTRO POWER ENTERPRISE

INDUSTRIAL ELECTRICAL & INDUCTION FURNACE SPARE PARTS

F376 GLASS CLOTH TAPE

High Temperature Adhesive Insulation Tape

PRODUCT DESCRIPTION

F376 Glass Cloth Tape consists of glass cloth with a thermosetting silicone adhesive system. The reference product is suitable for use up to 180°C (Class H) and offers excellent abrasion resistance and high mechanical strength.

APPLICATIONS

Inter-phase insulation	Electric motors	Generators
General insulation	Transformers	Traction motors
Holding / securing	All types of coils	Electrical & electronic components

TECHNICAL / PHYSICAL PROPERTIES

Property	Specification
Backing	Glass cloth
Total thickness	0.18 mm ± 10%
Tensile strength – machine direction	16 kg/cm minimum
Elongation at break – machine direction	10% minimum
Adhesion to steel	250 g/cm minimum
Breakdown voltage	2 kV minimum
Adhesive system	Silicone
Temperature rating	180°C (Class H)
Flame test	UL 510 – Flame retardant
UL File number	OANZ2.E171030
Colour	White
Standard roll length	50 metres
RoHS compliant	Yes
Tested in accordance with	IS 7809 Part 11

KEY FEATURES

- Glass cloth backing with silicone adhesive system
- High-temperature electrical insulation performance up to 180°C (Class H)
- High mechanical strength and abrasion resistance
- Minimum 2 kV breakdown voltage
- White colour with standard 50 metre roll length

PRODUCT INFORMATION

Product	F376 Glass Cloth Tape
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Category	High Temperature Adhesive Insulation Tape
Supplier	Electro Power Enterprise
Colour	White
Standard roll length	50 metres

Reference basis: This datasheet is prepared from the F376 Glass Cloth Tape technical datasheet supplied by the user. Certification and test claims should be applied to the supplied product only when supported by applicable documentation.

Disclaimer: Technical values are reference values and may vary with batch, test method and application conditions. Users should verify suitability for the intended application.