

K.30

POLYETHYLENE-NAPHTHALATE FILM TAPE

General Description

25 micron Teonex® film coated on one side with high-temperature silicone adhesive. Intended for high temperature electrical applications where a thin, conformable backing combined with excellent dielectrical properties is required.

Features

- High temperature resistance
- Good adhesion on difficult substrates
- Good chemical and solvent resistance

Applications

- Insulation of bobbins, transformers, motors, capacitors, etc.
- Cable and copper wire manufacturers

Technical Data

Property	Value
Product Type	Single coated
Backing Type	Teonex® film
Adhesive Type	Silicone
Color	Blue (Clear and Red available on demand)
Backing Thickness	0,025 mm
Total Thickness	0,06 mm
Peel Adhesion at 180° On Steel	3.00 N/cm
Tensile Strength	40.00 N/cm
Rolling Ball Tack	< 10 cm
Elongation at Break	50%
Breakdown Voltage	6.00 kV
Thermal Class	180 (H)
Short Time Temperature Resistance	240 °C
Approvals	UL file No. E178430
Shelf Life	12 months
Standard Length	66 m
Standard Width	985 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.



TAPE SOLUTIONS

North America | South America
Europe | Asia

For more information, please visit
tapesolutions.saint-gobain.com