

K.50 AC

POLYETHYLENE-NAPHTHALATE FILM TAPE

General Description

50 micron Teonex® film coated on one side with high-temperature acrylic adhesive. Intended for high temperature electrical applications where a thin, strong 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, pencil coils, transformers, motors, capacitors, etc.
- Cable and copper wire manufacturers

Technical Data

Property	Value
Product Type	Single coated
Backing Type	Teonex® film
Adhesive Type	Pure acrylic
Color	Blue (Clear on demand)
Backing Thickness	0,05 mm
Total Thickness	0,085 mm
Peel Adhesion at 180° On Steel	4.50 N/cm
Tensile Strength	90.00 N/cm
Rolling Ball Tack	< 10 cm
Elongation at Break	60%
Breakdown Voltage	8.00 kV
Thermal Class	155 (F)
Short Time Temperature Resistance	220 °C
Electrolytic Corrosion	1
Shelf Life	12 months
Standard Length	66 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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