BARNIER ® 2705

PVC Premium Electrical Adhesive Tape

DESCRIPTION

Barnier 2705 is a 0.18mm premium quality, professional grade, electrical self-extinguishing soft PVC tape which uses an aggressive pressure sensitive rubber-based adhesive system. It has been designed for use where a recognised specification or international standard is a must and where environmental safety is a concern.

APPLICATIONS

- Primary electrical insulation
- Harnessing
- Protection for low and medium voltage cables splices
- Typically engineered for the professional requirements of telecom and electricity boards

PRODUCT BENEFITS

- Excellent resistance to abrasion, corrosion and moisture
- High dielectric strength and mechanical protection
- Excellent conformability
- Tape can be applied at low temperature (till -10°C)
- IMQ and VDE Approval Certificates according to IEC 60454-3-1
- Provides higher voltage break-down and mechanical protection than Scapa 6022
- Conforms to the European Directive 2011/65/EC (RoHS 2) and Commission Delegated Directive (EU) 2015/863 (RoHS 3)
- Index temperature 0°C to 90°C

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TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
Thickness	0.18	mm	IEC 60454-2
Tensile Strength	35	N/cm	IEC 60454-2
Elongation at Break	180	%	IEC 60454-2
Adhesion to Steel	1.8	N/cm	IEC 60454-2
Adhesion to Backing	1.8	N/cm	IEC 60454-2
Dielectric Strength	40	kV/mm	IEC 60454-2
Flammability	Self extinguishing	-	IEC 60454-2

Note:

****This will be taken from the core product for the SAP Material Group****

STANDARD PRESENTATIONS

- Roll Length: 20 and 33metres
- Roll Width: 19, 25 and 50mm
- Core: 32mm Barnier branded cardboard core
- Packaging: Cellowrapped with Barnier label and bar code
- Colours: Black, White, Grey, Red, Blue

RECOMMENDATIONS

Rolls should be stored flat on their cut edges in the original packaging. The product must be protected from dust, heat, moisture, direct sunlight and solvent fumes. The storage temperature should be between +5°c and +25°c. Use within 24 months from the date of manufacturing.

The tape should be applied with sufficient tension to ensure an optimum bonding and a minimum of two layers with a half overlap. The final layer should be wrapped with a lower tension to prevent flagging effects.

Surfaces should be clean, dry and free of dust, grease, oil or other contaminants.

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