



Technical
DATA

Scapa 2705

PVC Premium Electrical Adhesive Tape

DESCRIPTION

Scapa 2705 is a 0.18mm premium quality, professional grade, lead free, 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.
- Environmental friendly production.
- Approved by IMQ and VDE.
- Conforms BS3924.
- Conforms to European Directive 2000/53 EC (lead, chromium VI, mercury, cadmium free).
- Provides higher voltage break-down and mechanical protection than Scapa 6022.
- Service temperature 0°C to + 90°C.
- Excellent temperature performance - Operating temperature between -40°C to 105°C when applied on harness.

TECHNICAL PROPERTIES

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

STANDARD PRESENTATIONS

- Roll Length: 20 and 33metres
- Roll Width: 19, 25 and 50mm
- Core: 32mm Scapa branded cardboard core
- Packaging: Cellowrapped with Scapa 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 +10°C and +25°C. Use within 24 months from 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