

# TECHNICAL DATA

# Scapa 2705

**PVC Premium Electrical Adhesive Tape** 

### DESCRIPTION

Scapa 2705 is a 0.18 mm 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
- Lead free
- Provides higher dielectric strength and mechanical protection than Scapa 6022

Issue: 4

Date:

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## **TECHNICAL PROPERTIES**

|                        | Unit  | Nominal Value      | Test Method  |
|------------------------|-------|--------------------|--------------|
| Nominal Thickness      | mm    | 0.18               | CEI EN 60454 |
| Tensile Strength       | N/cm  | 35                 | CEI EN 60454 |
| Elongation at Break    | %     | 180                | CEI EN 60454 |
| Adhesion to Steel      | N/cm  | 1.8                | CEI EN 60454 |
| Adhesion to Backing    | N/cm  | 1.8                | CEI EN 60454 |
| Dielectric Strength    | KV/mm | > 40               | CEI EN 60454 |
| Continuous Temperature | Oo    | 90                 | CEI EN 60454 |
| Flammability           |       | Self extinguishing | CEI EN 60454 |

#### STANDARD PRESENTATION

| Roll length | 20 and 33 metres                           |
|-------------|--|
| Roll width  | 19 and 25mm                                |
| Core        | 32 mm Scapa branded cardboard core         |
| Packaging   | Cellowrapped with Scapa label and bar code |
| Colours     | Black, Blue, Grey, Red and White           |

#### 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.

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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