

## 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

Issue: 5 Date: 25/01/05 Page 1 of 2 2705.doc

www.scapa.com

The information supplied is accurate to the best of Scapa's knowledge and is based upon all current data available to it. Properties quoted are typical and do not therefore constitute a specification. Customers must complete their own assessment of the product for its intended application under their own conditions. Our technical advice is to be regarded as an expression of opinion only and although such advice is given in good faith, it shall not, in any circumstances, be regarded as the basis of or as being a representation or statement of fact. This applies also where propriety or protective rights of third parties are involved. Any liability arising in respect of our products will be strictly limited to the value of those products charged to the customer and shall not extend to any consequential loss whatsoever and howsoever arising. Freedom from Patent Rights must not be assumed. This document does not form part of any contract with a customer.

### **TECHNICAL PROPERTIES**

	Unit	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
Flammability		Self extinguishing	CEI EN 60454

### STANDARD PRESENTATION

Roll length : 20 and 33 metresRoll width : 19 and 25mm

Core : 32 mm Scapa branded cardboard core
Packaging : Cellowrapped with Scapa label and bar code

Colour : Black

#### 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 of receipt.

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

Issue: 5 Date: 25/01/05 Page 2 of 2 2705.doc

www.scapa.com

The information supplied is accurate to the best of Scapa's knowledge and is based upon all current data available to it. Properties quoted are typical and do not therefore constitute a specification. Customers must complete their own assessment of the product for its intended application under their own conditions. Our technical advice is to be regarded as an expression of opinion only and although such advice is given in good faith, it shall not, in any circumstances, be regarded as the basis of or as being a representation or statement of fact. This applies also where propriety or protective rights of third parties are involved. Any liability arising in respect of our products will be strictly limited to the value of those products charged to the customer and shall not extend to any consequential loss whatsoever and howsoever arising. Freedom from Patent Rights must not be assumed. This document does not form part of any contract with a customer.