

## TECHNICAL DATA

# Scapa 85

### **Electrical Stress Control Putty**

#### **DESCRIPTION**

Scapa 85 is a soft, resistive stress control putty, available in roll form or in pads. Its colour is grey.

#### **APPLICATIONS**

- For electrical stress control of cold shrink joints or termination of polymeric cables.
- For electrical stress control of heat shrinkable joints and terminations of medium voltage polymeric cables.

#### PRODUCT BENEFITS

- The non-linear resistance characteristics of the putty provide effective electrical stress control for cold shrink or heat shrinkable joints and terminations for medium voltage polymeric power cables.
- Single half-lap applications of Scapa 85 pads immediately provides electrical stress control and waterproofing.
- No migration of low molecular weight polymers through silicone rubbers.
- Visco-elastic properties specially designed for cold shrink joints or terminations.
- Can flow in minutes into cracks formed during cable preparation.
- Allows more compact and smaller joints and terminations.
- A single, continuous electrode can be made all along medium voltage joints.
- Service temperature -40 to +90°C. Overload temperature 120°C.
- Supplied in an easy to handle and apply tape form, in pad or in wide rolls. The putty is interleaved with a siliconised release paper.

### **TECHNICAL PROPERTIES**

	Unit	Nominal Value	Test Method
Thickness	mm	1.2	
Dielectric constant	-	10	ASTM D 150
Dielectric loss angle	-	0.04	ASTM D 150
Dielectric strength	kV/mm	4	ASTM D 149

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#### STANDARD PRESENTATION

Roll length: 30mRoll width: 25mm

Roll length: 40mRoll width: 188mm

Core diameter: 76mm cardboard

Roll Packaging: Individually packed for 188mm width rolls.

Pads: 0.12m x 188mm

Pad packaging: 3 pads protected by one multiple folded siliconised release paper.

#### RECOMMENDATIONS

The putty is attacked and softened by petroleum type solvents and oils (including transformer oils and fluids used in oil-impregnated paper). Scapa 85 should not be used for PILC cable joints or terminations.

The rolls and pads should be stored in the original packaging. The product must be protected from dust, heat, moisture, direct sunlight and solvent fumes. Storage temperature between +10°C and +30°C. Under these conditions, the storage life of the putty in a temperate climate will be at least two years.

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