



# 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  $+90^{\circ}\text{C}$ . Overload temperature  $120^{\circ}\text{C}$ .
- 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

## STANDARD PRESENTATION

- Roll length: 30m
- Roll width: 25mm
  
- Roll length: 40m
- Roll 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.*