

## Scapa 2525

### Premium Semi-Conducting EPR Self-Amalgamating Tape - 0.75mm

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#### DESCRIPTION

Scapa 2525 is a semi-conducting, self-amalgamating EPR (Ethylene Propylene Rubber) tape. Its colour is black. The product and interleave are printed with the cautionary words semi-conducting to distinguish the product from insulating tapes.

#### APPLICATIONS

- For ensuring the continuity of conductor and core screens at cable joints in a variety of polymeric and elastomeric insulated cables.
- For jointing power cables up to 69kV.
- For stress cone construction, where it provides the conducting layer.
- For smoothing electrical stresses on irregular shaped lugs and connectors.
- For smoothing electrical stresses in joints and terminations using premoulded components.
- For smoothing electrical stresses on overhead power lines, reducing discharges and consequent interference to local radio and telephone communications.

#### PRODUCT BENEFITS

- Excellent physical and electrical properties with a high degree of stability.
- Void-free, homogeneous wrapping without the application of heat or pressure.
- Excellent resistance to water and ozone.
- UV resistant.
- The tape has been formulated to minimise corrosion potential.
- The product is approved to EDF HN 26-S-04.
- Meets specification UTE C 33-011.
- Service temperature:  $-40^{\circ}\text{C}$  to  $+100^{\circ}\text{C}$ , Overload temperature  $120^{\circ}\text{C}$ .
- Supplied in an easy to handle and apply tape form. The product is interleaved with a disposable printed plastic liner.

## TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
Elongation at Break	800	%	BS 903
Tensile Strength	1.5	MPa	BS 903
Thickness	0.75	mm	-
Volume Resistivity	1.3	Ohm.m	ASTM D4496

## STANDARD PRESENTATIONS

- Branding: Scapa
- Core: 25mm dense plastic
- Packaging: Individually shrink-wrapped rolls
- Roll Length: 3m, 4m, 5m, 6m
- Roll Width: 19mm, 25mm, 38mm, 50mm

## RECOMMENDATIONS

Care should be taken to avoid direct contact between the tape and petroleum-type solvents and oils. Oils may affect the electrical properties of the tape.

The 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. Storage temperature between +10°C and +30°C. Under these conditions, the storage life of the tape in a temperate climate will be at least five years.