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Technical DATA

Scapa 2547

EPR Self-Amalgamating Tape

DESCRIPTION

Scapa 2547 is an insulating, self-amalgamating tape based on EPR (Ethylene Propylene Rubber). Its colour is black.

APPLICATIONS

- For jointing and repairing power cables up to 69 kV.
- For insulation, waterproofing and protection of electrical connections (e.g. satellite 'dish').
- For binding and sealing for the continuity of the lead sheath.

PRODUCT BENEFITS

- Excellent physical and electrical properties with a high degree of stability under conditions of use.
- The tape amalgamates rapidly when applied under tension to provide a void-free homogeneous wrapping, without the need for external heat or pressure.
- Excellent resistance to water, UV and ozone.
- Service temperature: -40°C to +100°C, Overload temperature 120°C.
- The product is approved to EDF HN 26-S-04.
- Meets specification UTE C 33-011.
- Supplied in an easy to handle and apply tape form. The product is interleaved with a disposable plastic liner.

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TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
Dielectric Loss Angle	0.004	-	ASTM D150
Dielectric Strength	44	kV/mm	ASTM D149
Elongation at Break	>550	%	BS 903
Tensile Strength	3	MPa	BS 903
Thickness	0.75	mm	-
Volume Resistivity	$1x10^{13}$	Ohm.m	ASTM D257

Note:

****This will be taken from the core product for the SAP Material Group****

STANDARD PRESENTATIONS

- Branding: Scapa
- Core: 38mm dense plastic
- Packaging: Individually shrink-wrapped rolls
- Roll Length: 3m, 5m, 7m, 9.1m, 10m
- Roll Width: 19mm, 25mm

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.

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