



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.
- The tape will remove cleanly when cut, allowing it to be used as temporary insulation or protection.
- The product is approved to EDF HN 26-S-04.
- Meets specification UTE C 33-011.
- Service temperature -40 to +100°C. Overload temperature 120°C.
- Supplied in an easy to handle and apply tape form. The product is interleaved with a disposable plastic liner.

TECHNICAL PROPERTIES

	Unit	Nominal Value	Test Method
Thickness	mm	0.75	
Tensile Strength	MPa	3	BS 903
Elongation at Break	%	>550	BS 903
Volume Resistivity	Ohm.m	1×10^{13}	ASTM D257
Dielectric Loss Angle	-	0.004	ASTM D150
Dielectric Strength	kV/mm	44	ASTM D149

STANDARD PRESENTATION

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

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.