

Scapa 2515

EPR Self-Amalgamating Tape - 0.5mm

DESCRIPTION

Scapa 2515 is an insulating, self-amalgamating, tape based on EPR rubber. (Ethylene Propylene Rubber). The product is available either in black or white.

APPLICATIONS

- For insulation, waterproofing and protection of electrical components.
- For jointing and repairing a wide range of solid dielectric power cables up to 132 kV.

PRODUCT BENEFITS

- White version allows easier blending into joints for aesthetic applications.
- Easy to handle and apply tape form. The product is interleaved with a disposable plastic liner.
- Service temperature: -40°C to +100°C.
- The tape will remove cleanly when cut, allowing it to be used as temporary insulation or protection.
- Excellent resistance to water and ozone.
- Compatible with a wide range of rubber and plastic dielectric cable insulation. These include polyethylene, cross-linked polyethylene, ethylene propylene rubber, PVC, butyl and neoprene.
- The tape amalgamates rapidly when applied under tension to provide a void-free homogeneous wrapping, without the need for external heat or pressure.
- Excellent physical and electrical properties with a high degree of stability under conditions of use.

TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
Dielectric Loss Angle	0.005	-	ASTM D150
Dielectric Strength	42	KV/mm	ASTM D149
Elongation at Break	800	%	BS 903
Tensile Strength	3	MPa	BS 903
Thickness	0.5	mm	-
Volume Resistivity	2×10^{13}	Ohm.m	ASTM D257

STANDARD PRESENTATIONS

- Branding: Scapa
- Core: 38mm dense plastic
- Packaging: Individually shrink-wrapped rolls
- Roll Length: Black: 3m, 5m, 10m
- Roll Width: Black: 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.