

Scapa 2547

Premium EPR Self-Amalgamating Tape - 0.75mm

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°C 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

| 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 | 1×10^{13} | Ohm.m | ASTM D257 |

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.