



## Scapa 2504

### PIB Self-Amalgamating Tape

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#### DESCRIPTION

Scapa 2504 is a general-purpose insulating, self-amalgamating tape based on PIB (Polyisobutylene) rubber. Its colour is black.

#### APPLICATIONS

- For waterproofing and protecting cables and components on satellite dishes.
- For general-purpose DIY temporary repairs.
- For protection of joints against seawater in marine environments.
- For corrosion protection of metal pipework.
- For insulation, waterproofing and protection of electrical components.
- For general-purpose protection and waterproofing.
- For protection against corrosion at welds and joints and for the waterproofing of many electrical components.
- For making watertight seals at polyethylene sleeve joints on polyethylene-sleeved telephone cables both above and below ground.
- For jointing and repairing a wide range of power and distribution cables up to 46 kV.

## PRODUCT BENEFITS

- The product is interleaved with a disposable plastic liner
- Supplied in an easy to handle and apply tape form.
- Service temperature -40 to +90°C.
- The product can be removed cleanly from most substrates, making it suitable for temporary repairs.
- Highly resistant to prolonged immersion in water and has excellent resistance to ozone.
- Compatible with other Scapa electrical tapes, including PVC tapes.
- 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.
- Good physical and electrical properties with a high degree of stability under conditions of use.

## TECHNICAL PROPERTIES

| Technical Property  | Nominal Value      | Unit  | Test Method |
|---------------------|--------------------|-------|-------------|
| Volume Resistivity  | 1x10 <sup>13</sup> | Ohm.m | ASTM D257   |
| Thickness           | 0.75               | mm    | -           |
| Tensile Strength    | 2                  | MPa   | BS 903      |
| Elongation at Break | 900                | %     | BS 903      |
| Dielectric Strength | 42                 | kV/mm | ASTM D149   |

## STANDARD PRESENTATIONS

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