



## PRODUCT INFORMATION

### 2501- PIB Self-Amalgamating Tape

#### Product Description:

2501 is a general-purpose insulating, self-amalgamating tape based on PIB (Polyisobutylene) rubber. Its colour is black.

#### Product Data:

	Unit	Nominal Value
Tensile Strength:	MPa	2
Elongation at Break:	%	900
Volume Resistivity:	Ohm.m	$1.5 \times 10^{13}$
Dielectric Strength:	kV/mm	42
Thickness:	0.5mm	

#### Applications:

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

#### Features & Benefits

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

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