

217

EPR Self-Amalgamating Tape

DESCRIPTION

217 is an insulating, self-amalgamating tape based on EPR (Ethylene Propylene Rubber). Its colour is black.

APPLICATIONS

- For jointing and repairing a wide range of solid dielectric power cables up to 69kV.
- For insulation, waterproofing and protection of electrical components.

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.
- 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.
- Excellent resistance to water and ozone.
- The tape will remove cleanly when cut, allowing it to be used as temporary insulation or protection.
- Service temperature -40 to +100°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	%	900	BS 903
Volume Resistivity	Ohm.m	1×10^{13}	ASTM D257
Dielectric Loss Angle	-	0.005	ASTM D150
Dielectric Strength	kV/mm	42	ASTM D149

STANDARD PRESENTATION

- Packaging: Individually shrink-wrapped rolls



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.

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