

Packstat PS585 is an insulating, self-amalgamating tape based on EPR (Ethylene Propylene Rubber).

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.
- Compatible with a wide range of rubber and plastic dielectric cable insulation. These include polyethylene.
- Excellent resistance to water and ozone.
- The tape will remove cleanly when cut, allowing it to be used as temporary insulation or protection.
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- Service temperature: -40°C to +100°C .
- Supplied in an easy to handle and apply tape form. The product is interleaved with a disposable plastic liner.

Main Applications

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

Product Properties	Unit	Nominal Value	Test Method
Dielectric loss angle	-	0.005	ASTM D150
Dielectric Strength	kV/mm	42	ASTM D149
Elongation at Break	%	900	BS 903
Tensile Strength	MPa	3	BS 903
Thickness	mm	0.75	---

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.