

E COPPER

Amalgamating Tape



TP109
1" x 30' ROLL



TP108
1" x 10' ROLL

SELF-FUSING – ETHYLENE PROPYLENE RUBBER

This insulating, self-amalgamating tape is comprised of a high quality ethylene propylene rubber, which provides a waterproof, void-free insulation. The rectangular design of the tape is ideal for joining and repairing a wide range of solid dielectric power cables up to 132 kV. This tape has excellent physical and electrical properties with a high degree of stability under various 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.

- Provides a strong, moisture-proof insulation with excellent bond & tensile strength; yet flexible
- Ideal for insulating, waterproofing, & protecting various electrical components
- Compatible with a wide range of rubber and plastic dielectric cable insulation, which include polyethylene, cross-linked polyethylene, ethylene propylene rubber, PVC, butyl, & neoprene
- Great for repairing damaged insulation, hoses, and pipes
- Excellent resistance to water & ozone
- Allows for in-line repairs where heat shrink tubing isn't practical
- Can be installed in both wet & dry environments
- Applicable for higher voltage application
- Tape will remove cleanly when cut, allowing it to be used as temporary insulation or protection
- Continuous operating temperature -40°C to 100°C / -40°F to 212°F
- Avoid direct contact between the tape and petroleum-type solvents & oils.

For optimum performance, this ethylene propylene rubber tape should be stored in cool, dry areas protected from dust, heat, moisture, direct sunlight and solvent fumes.

SPECIFICATIONS OF SELF-AMALGAMATING ETHYLENE PROPYLENE RUBBER TAPE:

Property	Unit	Nominal Value	Test Method
Thickness	mm	0.5	-
Tensile Strength	MPa	3	BS 903
Elongation at Break	%	800	BS 903
Volume Resistivity	Ohm.m	2 x 10 ¹³	ASTM D257
Dielectric Loss Angle	-	0.005	ASTM D150
Dielectric Strength	kV/mm	42	ASTM D149

Easy to Install:

