

Product Type: Polyisobutylene Self-Amalgamating Tape

Colour: Black

Roll Size: Widths 6mm to 1,000mm in 9m Length
(Shorter lengths dependent on MOQs)

Adhesive: Self-Amalgamating



Description: TR85 is based on non-adhesive polyisobutylene rubber. It is tough and very elastic with high water and ozone resistance and can be applied easily. It has excellent resistance to a wide range of chemicals and good UV/ozone resistance. It has a very high dielectric strength. TR85 has an easily removed interleave and is designed for tight wrapping around self and will fuse in 10 minutes.

Application: Insulating terminations and joints between such materials as butyl rubber, PVC, polyethylene, EPR of power cables rated up to 42 kV. Repair and insulation of trailing cables. For waterproof seals at sleeve joints both above & below ground (can over wrap with PVC). Marine, rigging, divers, vehicle for hose and duct repair.

Technical Details:

Gauge:	0.50mm
Tensile Strength:	2.2MPa
Elongation at Break:	650%
Electrical Strength:	42kV per mm
Volume Resistivity	>10 ¹⁴ Ohm/Cm
Service Temperature:	-40°C to 90°C
Application Temperature:	0°C to 40°C

Surface Preparation: The surface on which the tape is to be used must be clean, dry and free from grease and dust. Remember that pressure sensitive adhesive must be applied with the maximum possible pressure in order to achieve maximum adhesion levels. The recommended application temperature is between 15°C and 25°C.

Storage: Tapes stored below the minimum application temperature will require warming up to that level before use. Up to 24 hours may be required for this to take place.

Note: TR85 replaced AT85 as of Jan 2021. Whilst electrical insulation properties of TR85 are superior to AT85, testing is always recommended prior to use.

DISCLAIMER:

Values: All values presented have been determined by standard test methods and are average values only.

Recommendations: Whilst we are happy to recommend products from our range for applications, it is imperative that the customer/user complete their own tests to determine suitability for their application under "working conditions" and if longevity is important, that ageing tests be carried out.

Warranty: We can only warranty our products to the level that they are consistent with our Product Information Sheet values

BUT CANNOT accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations.

