



Gala Non Shrinkable Insulation Tape is an EPDM based insulation tape possessing excellent electrical, chemical and physical properties. It maintains a tight insulation built up without any voids giving good electrical stability and resistance to moisture penetration. Compatible with most commonly used Cable Jackets i.e. XLPE, PVC, PILC or Rubber Sheathed Cable.

❖ Features and Benefits:

- The tape has the property of cold flow, thereby when applied with 50% overlap, different layers, sticks with each other resulting into formation of void free insulation.
- Excellent resistance moisture, contamination and adverse environmental conditions.
- Excellent UV stabilized & weather resistant.
- High heat dissipation helps to keep the conductor cooler.
- Provides protection to the conductor material against corrosive elements present in the environment.
- Standard Color: Black

❖ Installation Instructions:

- Keep open end of the tape on the start position of the cable to be insulated and then stretch the tape so as to reduce the width to 2/3 of its original width and then start wrapping 2/3 width tape with 50% overlap continuously around the cable till no portion is left uninsulated. Then repeat the taping process till the desired insulation & thickness is achieved.
- The tape should be applied in successive half lapped, level wound layers until desired build up is reached. To eliminate voids in critical areas, highly elongate the tape. Stretch the tape in these critical area just short of its breaking point. In less critical area, less elongation is sufficient. Stretch 3/4 of its original width in less critical area.
- Always attempt to half lap to produce a uniform build up. When using the tape for splicing cables upto 36 kV, always elongate the tape throughout the entire splice.

Technical Specification

PROPERTIES	TYPICAL VALUE
Physical :	
Tensile Strength	10 kg/cm ² (Min.)
Elongation	350% (Min.)
Heat Resistance at 90°C	Good
Operating Temperature	90°C
Emergency Overload	130°C
Water Resistance	Good
Moisture Absorption	0.05 (Max.)
Chemical :	
Chemical Resistance	Good
Electrical:	
Dielectric Strength	25kV / mm (Min.)
Dielectric Constant	3.0 (Max.)
Volume Resistance	1 x 10 ¹⁴ Ohm cm (Min.)

Test Standard Followed: ASTM D4325

Selection Chart

Gala Code	W (Min.)	Thick.	L (Min.)
GNT 1	25 mm	0.75mm	10 Mtr.