

Part Number TS-G-504

Header: TS-G-504 Waterproof Insulation Tape

Applications:

Primarily used for insulating of electrical cables and wire connections and is rated up to 20KV. TS-G-504 is a mastic rubber compound with very good insulation properties. Because it can conform to odd shapes and has self-healing properties, it is used as electrical insulation and joints protection in communication stations. The TS-G-504 also provides a moisture seal for cable and wire connections, and jacket seal on power cable applications in outdoor environments.

Features:

- Conforms to irregular shapes.
- Compatible with solid dielectric cable insulations.
- Self-healing tape
- Excellent weather and moisture resistance
- Excellent adhesive and sealing characteristics for copper, aluminum and power cable jacket materials
- Working temperature: -55°C to 105°C

Standard Sizes and Dimensions



SIZE				
Code	Thickness (mm)	Width (mm)	Length (mm)	Standard packing
G504	1.8	50	3000	50reels/ carton

Typical Properties

Technical Data		
Property	Test method	Typical data
Tensile strength	ASTM D2671	≥2.0MPa
Elongation at break	ASTM D2671	≥1000%
Dielectric strength	IEC 243	≥20KV/mm
Dielectric constant	IEC 250	2~3
Volume Resistivity	IEC 93	≥1x10 ¹⁴ Ω.cm

Adhesive and self-amalgamation	-	Good
Oxygen resistant	-	Pass
Heat shock (105°C)	-	Pass

Availability Rolls

Important Notice All information contained in this data sheet is believed to be reliable and accurate. It is advised however that the end user of this material evaluate the suitability of the product for their specific application.

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