

Part Number TSG-522

Header TSG-522 Flame Retardant Silicone Self-Amalgamation Tape

Description Thermosleeve-USA TSG-522 provides high-temperature insulating protection for outdoor and indoor bus-bar applications up to 35KV. Compared to other heat shrinkable alternatives, the TSG-522 provides excellent insulation protection to electrical cable connections encountered in mining and oil field environments with high fire hazard restrictions.

Features

- Made from modified elastomeric materials; flame retardant
- Excellent insulation and chemical properties
- Resistance to ozone, antioxidant, UV-resistant
- Operating temperature: -60°C to 220°C
- Heat shock: 300°C
- Self-amalgamation properties make it easy to apply and take off, very convenient for testing and repair
- Ease of use without heating and tools, reducing installation time, cost and fire hazards

Standard Sizes and Dimensions

Code	Thickness (mm)	Width (mm)	Length (mm)	Standard packing
G522	0.8	50	5000	50Pcs/carton

Technical Properties

Property	Test method	Typical data
Tensile strength	ASTM D2671	≥3.5MPa
Elongation at break	ASTM D2671	≥1000%
Dielectric Strength	IEC 243	≥28kV/mm
Dielectric constant	IEC 250	2-3
Volume resistivity	IEC 93	≥1.0×10 ¹⁴ Ω•cm
Flammability(Oi)	ISO 4589	27
Density	ASTM D 792	1.22g/cm ³
Cold bend	-	No cracking
Metal corrosion	-	A Class

TSG-522 tubing shall be homogeneous and essentially free from flaws, defects, pinholes, bubbles, seams, cracks and inclusions.

Standard colors Red, Yellow, Green, Gray

Availability 5000mm rolls;

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