

LC-SSF-83

Self-Fusing Silicone Tape



Description

SSF-83 Self-fusing silicone tape is made of a specially formulated silicone rubber capable of fusing to itself to create a flexible, homogeneous and void free barrier. SSF-83 contains no adhesive, which makes for residue-free installation and removal. And unlike traditional adhesive based tapes, it can be applied to surfaces that are wet or dirty without any impact on performance. It has excellent dielectric strength, ozone resistance, high and low temperature stability and moisture resistance. Meets Class H insulation requirements.

Colors Available

Grey/Yellow/Red/Bright Red/Green/Blue/Black/White /Clear/Orange

Consult us for other colors

Application

- Automotive

Radiator Hoses/Air Hoses/Air Conditioning Lines/ Exhaust Systems/Wire Bundling/Protection

- Electrical

Electrical Connections/Electrical Connections/Motor Coils /Transformers/Power Tools/ Power Leads and Cords

- Household Repairs

Dishwasher Hoses/Dryer Vents/Washing Machine Drain Hoses/Vacuum Cleaner Hoses/Leaky P-traps/Cracked Drain Pipes/Garden Hoses and Fittings/Power Cords/ Electrical Repairs

- Marine

Water Hoses/Drainage Lines/Exhausts/Rigging/Wiring /Fishing Equipment/Boat Rails/Scuba Gear

- Replacement for Heat-Shrink Tubing

Dimensions

1" x .012" x 30' / 25mm x 0,30mm x 9.1m

1" x .020" x 30' / 25mm x 0,50mm x 9.1m

1" x .031" x 30' / 25mm x 0,80mm x 9.1m

1" x .039" x 30' / 25mm x 1,0mm x 9.1m

Consult us for other sizes

Specifications

Property	Typical Value	Test Method/Reference
Hardness	50±10 Shore A	GB/T 531.1-2008
Tensile Strength	≥6 Mpa	GB/T 528-2009
Elongation at Break	≥400%	GB/T 528-2009
Dielectric Strength	≥22kV/mm	GB/T1408.1-2006
Volume Resistivity	1.3x10 ¹⁵ Ω.cm	GB/T1410-2006
Self Adhesion	>4.6 N/cm	ASTM D 2148
Water Absorption	<0.9%	
Density	<1.3 g/cm ³	GB/T 20631.2
Dielectric Strength	22kV/mm	ASTM D 149

*Data in table represent typical of test results and are not to be used for specification purposes.

*The product user should make their own tests to determine the product's suitability for their intended use.