

Parker Chomerics Tecknit® 0002 Highly Conductive Adhesive-Sealant Silver Silicone

Category : Polymer , Thermoset , Silicone

Material Notes:

Description: TECKNIT® 0002 is a pure silver filled, one component RTV silicone adhesive-sealant. It is ready to use without mixing and cures quickly at room temperature on exposure to moisture in the air to form a flexible, resilient conductive bond or seal. Application: TECKNIT 0002 can be used to bond or install various conductive silicone elastomer EMI gaskets or join strips of conductive elastomers to form continuous shield/seal rings or gaskets. It may also be used as a form-in-place conductive gasket to attach shielded windows to frames or bezels, and in turn, installing the framed window on a shielded enclosure or used as a form-in-place EMI gasketing material for grooves in cast boxes or covers or as a conductive seam sealant. Typical Applications: Bonding elastomer gaskets Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-Tecknit-0002-Highly-Conductive-Adhesive-Sealant-Silver-Silicone.php

Physical Properties	Metric	English	Comments
Specific Gravity	3.10 g/cc	3.10 g/cc	
Volatile Organic Compounds (VOC) Content	9.0 g/l	9.0 g/l	
Thickness	178 microns	7.01 mil	

Mechanical Properties	Metric	English	Comments
Shear Strength	>= 1.03 MPa	>= 149 psi	

Electrical Properties	Metric	English	Comments
Volume Resistivity	<= 0.010 ohm-cm	<= 0.010 ohm-cm	

Processing Properties	Metric	English	Comments
Cure Time	4320 min @Temperature 24.0 °C	72.0 hour @Temperature 75.2 °F	
Shelf Life	5.50 Month	5.50 Month	

Descriptive Properties	Value	Comments
Filler	Ag	
Resin System	Silicone	
Work Life	5 min	

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