

Parker Chomerics Waveguide Gaskets 877 Conductive Silicone Elastomer Gasket

Category : Polymer , Thermoset , Silicone

Material Notes:

Description: TECKNIT® WAVEGUIDE GASKETS are made from a silicone elastomer filled with silver-plated particles designed to achieve maximum electrical conductivity. Application Information: TECKNIT WAVEGUIDE GASKETS offer the circuit designer a wide variety of RF and pressure tight seals for any waveguide system. They can be used for EMP and TEMPEST applications, and are widely used by the military and aerospace communities in sophisticated electronic countermeasure, communication, and guidance systems. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-Waveguide-Gaskets-877-Conductive-Silicone-Elastomer-Gasket.php

Mechanical Properties	Metric	English	Comments
Tensile Strength	4.14 MPa	600 psi	ASTM D412
Tear Strength	12.3 kN/m	70.0 pli	ASTM D624

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	125 °C	257 °F	
Minimum Service Temperature, Air	-45.0 °C	-49.0 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	<= 0.0070 ohm-cm	<= 0.0070 ohm-cm	QA-1039
Shielding Effectiveness	75 dB	75 dB	H-Field
	@Frequency 100000 Hz	@Frequency 100000 Hz	
	110 dB	110 dB	Plane Wave
	@Frequency 1.00e+10 Hz	@Frequency 1.00e+10 Hz	
115 dB	115 dB	Plane Wave	
@Frequency 1.00e+9 Hz	@Frequency 1.00e+9 Hz		
	>= 130 dB	>= 130 dB	E-Field
	@Frequency 1.00e+7 Hz	@Frequency 1.00e+7 Hz	

Descriptive Properties	Value	Comments
Color	Red	

Descriptive Properties	Value	Comments
Consistency	Smooth	
Expected IP Rating	>54	
Filler	Silver Plated Copper Particles & Expanded Copper Reinforcement	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China