

Parker Chomerics SOFT-SHIELD® 5000 Low Closure Force EMI Gasket

Category : Polymer , Thermoset , Polyurethane, TS , Thermoset Polyurethane Foam, Unreinforced

Material Notes:

Description: SOFT-SHIELD® 5000 Series EMI gaskets are designed to meet the stringent shielding and mechanical performance requirements of today's commercial electronic enclosures, medical electronics, factory automation equipment, reprographics and grounding applications. Each gasket consists of an electrically conductive fabric jacket over a highly compressible urethane foam core. The nickel-plated, woven nylon rip-stop jacket is self-terminating when cut. Typical Application: Mobile phone grounding and interface between aluminum casting and plastic antenna housing. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-SOFT-SHIELD-5000-Low-Closure-Force-EMI-Gasket.php

Mechanical Properties	Metric	English	Comments
Compression Set	<= 15 %	<= 15 %	ASTM D3574

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	70.0 °C	158 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	<= 0.10 ohm	<= 0.10 ohm	CEPS-0002
Shielding Effectiveness	103 dB	103 dB	
	@Frequency 1.00e+9 Hz	@Frequency 1.00e+9 Hz	
	110 dB	110 dB	
	@Frequency 1.00e+8 Hz	@Frequency 1.00e+8 Hz	
	110 dB	110 dB	
	@Frequency 1.00e+10 Hz	@Frequency 1.00e+10 Hz	

Descriptive Properties	Value	Comments
Adhesive Peel Strength	ASTM D1000 (90° Blend)	

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