

Parker Chomerics SOFT-SHIELD® 1000 Low Closure Force, Foam Core EMI Gasket

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

Material Notes:

Description: Easy-to-install SOFT-SHIELD® 1000 Series gaskets are specially designed for shielding commercial electronic enclosures with tight space constraints or low closure force requirements. They are constructed with a distinctive combination of fine knitted wire mesh over an extremely soft urethane foam core. Standard wire types are monel (nickel-copper alloy) or Ferrex® (tin-plated copper-clad steel) Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-SOFT-SHIELD-1000-Low-Closure-Force-Foam-Core-EMI-Gasket.php

Physical Properties	Metric	English	Comments
Water Absorption	0.93 %	0.93 %	
Deformation	10 %	10 %	0.10 ppi
	20 %	20 %	0.25 ppi
	30 %	30 %	0.35 ppi
	40 %	40 %	0.45 ppi
	50 %	50 %	0.53 ppi
	60 %	60 %	0.60 ppi

Mechanical Properties	Metric	English	Comments
Peel Strength	0.440 - 0.790 kN/m	2.51 - 4.51 pli	Gasket
Compression Set	10 - 15 %	10 - 15 %	25% deflection

Electrical Properties	Metric	English	Comments
Shielding Effectiveness	62 dB	62 dB	
	@Frequency 2.00e+9 Hz	@Frequency 2.00e+9 Hz	
	75 dB	75 dB	
	@Frequency 1.00e+9 Hz	@Frequency 1.00e+9 Hz	
	75 dB	75 dB	
	@Frequency 1.00e+10 Hz	@Frequency 1.00e+10 Hz	
	79 dB	79 dB	

Electrical Properties	Metric	English	Comments
	@Frequency 2.00e+7 Hz	@Frequency 2.00e+7 Hz	
	79 dB	79 dB	
	@Frequency 1.00e+8 Hz	@Frequency 1.00e+8 Hz	
	90 dB	90 dB	
	@Frequency 4.00e+9 Hz	@Frequency 4.00e+9 Hz	

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