

## Parker Chomerics POLASHEET® Metal EMI Gasket

Category : Polymer , Thermoset , Silicone

### Material Notes:

Description: POLASHEET gasketing are composite EMI shielding and weather sealing materials. Either solid or sponge silicone may be specified as the weather seal. In POLASHEET gasketing individual monel or aluminum wires embedded in the silicone and oriented perpendicular to mating flange surfaces provide the EMI shielding. Wires are crimped for resiliency. Solid silicone POLASHEET gasketing is available with high-tack pressure-sensitive adhesive backing. POLASHEET gasketing with solid silicone weather seal are recommended for sealing under high pressure conditions. Information provided by Chomerics

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Parker-Chomerics-POLASHEET-Metal-EMI-Gasket.php](http://www.lookpolymers.com/polymer_Parker-Chomerics-POLASHEET-Metal-EMI-Gasket.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	30 - 40	30 - 40	ASTM D2240
Tensile Strength	>= 1.72 MPa	>= 250 psi	ASTM D412
Elongation at Break	>= 200 %	>= 200 %	ASTM D412
Tear Strength	>= 7.89 kN/m	>= 45.0 pli	ASTM D624
Compression Set	20 %	20 %	ASTM D395B

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	399 °F	Silicone Version
Minimum Service Temperature, Air	-62.0 °C	-79.6 °F	Silicone Version

Electrical Properties	Metric	English	Comments
Shielding Effectiveness	>= 35 dB	>= 35 dB	
	@Frequency 14000 Hz	@Frequency 14000 Hz	
	>= 93 dB	>= 93 dB	
	@Frequency 1.00e+9 Hz	@Frequency 1.00e+9 Hz	
	>= 102 dB	>= 102 dB	
	@Frequency 1.80e+7 Hz	@Frequency 1.80e+7 Hz	

Descriptive Properties	Value	Comments
Color	Gray	
Maximum Joint Unevenness, % of Gasket Height	0.17	Class B- Open-Close in Same Position

Descriptive Properties	Value	Comments
	0.17	Class C- Completely Interchangeable
	0.2	Class A- Permanently Closed
Wire Density, per sq. in.	885 - 915 %	

## Contact Songhan Plastic Technology Co.,Ltd.

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