

## Fujipoly Industries Sarcon<sup>®</sup> GR-HL Gap Filler Pad

Category : Polymer , Thermoset , Silicone

**Material Notes:**

Sarcon GR-L is a highly formable, thermally conductive gel material (no electricity conductive) in a versatile sheet form that easily fits and adheres to most all shapes and sizes of components, and make reliable and complete physical contact. GR-HL has a hardened top surface. Information provided by Fujipoly Industries

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Fujipoly-Industries-Sarcon-GR-HL-Gap-Filler-Pad.php](http://www.lookpolymers.com/polymer_Fujipoly-Industries-Sarcon-GR-HL-Gap-Filler-Pad.php)

Physical Properties	Metric	English	Comments
Specific Gravity	2.70 g/cc	2.70 g/cc	JIS-K-6220; ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore OO	53	53	SRIS0101; ASTM D-2240
Tensile Strength, Yield	0.200 MPa	29.0 psi	JIS-K-6251(#2)/ASTM D-412
Elongation at Yield	32 %	32 %	JIS-K-6251(#2)/ASTM D-412
Tear Strength	1.00 kN/m	5.71 pli	JIS-K-6252 (Angle)/ASTM D-624

Thermal Properties	Metric	English	Comments
Thermal Conductivity	2.80 W/m-K	19.4 BTU-in/hr-ft <sup>2</sup> - °F	JIS-R-2618; ASTM D2326
Flammability, UL94	V-0	V-0	

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.40e+12 ohm-cm	2.40e+12 ohm-cm	JIS-K-6249/ASTM D257
Dielectric Strength	15.0 kV/mm	381 kV/in	JIS-K-6249; ASTM D-149
Dielectric Breakdown	10000 V	10000 V	Withstand Voltage [V/min]; JIS-K-6249; ASTM D-149

Descriptive Properties	Value	Comments
Color	Grey	

## Contact Songhan Plastic Technology Co.,Ltd.

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