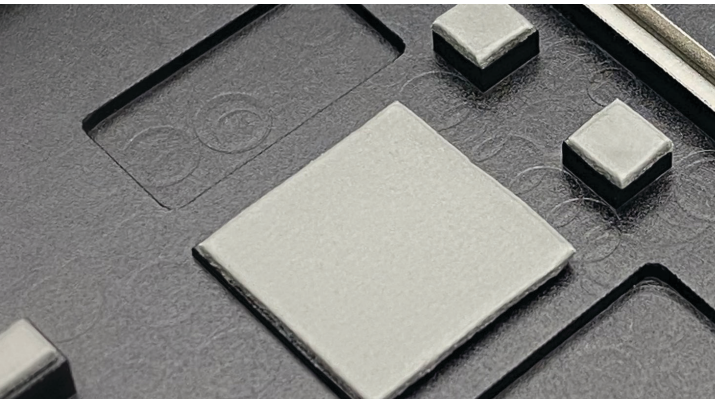


Thermal Interface Material

Thermally Conductive Pad



MATERIAL

Thermally conductive particle filled silicone rubber sheet

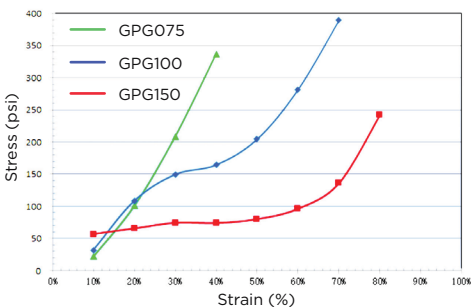


FEATURES

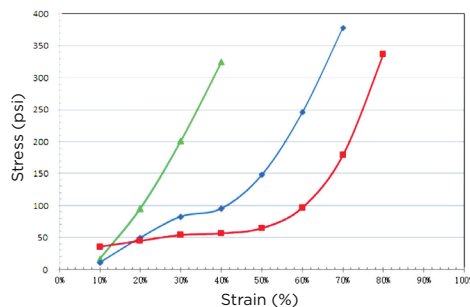
- Thermally conductive 13.0 W/m-K material
- Highly compressible and compliant
- Sheet stock or cut to specification

PROPERTIES	TEST METHOD	GPG000 SERIES
Softness	ASTM D2240	70 Shore OO
Thermal Impedance @ 1.0mm @ 50 psi	ASTM D5470 Modified	0.147 °C-in ² /W
Thermal Conductivity		13.0 W/m-K
Thickness	ASTM D374	0.25 mm to 5 mm
Naturally Tacky		Standard on both sides
Volume Resistivity	ASTM D257	>1x10 ¹² Ohm-cm
Dielectric Strength	ASTM D149	5 kV _{AC} /mm
Operating Temperature	TGA+DMA	-55 to 200 °C
Flammability Rating	UL 94	V-0 (UL File E333972)
Density	ASTM D792	3.15 g/cm ³
Composition		Filled silicone elastomer sheet
Color	Visual	Gray
Material Option	SPA0 - Spraying Boron Nitride powder to remove the natural tackiness	

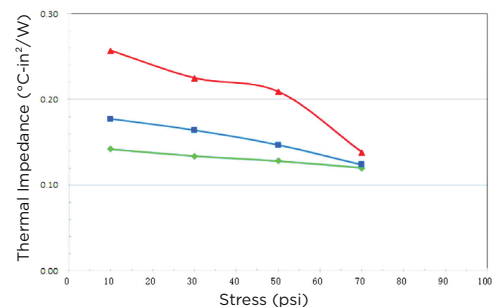
Stress Vs. Strain of GPG Series (0.75, 1.0, 1.5 mm thick) with Constant Rate of Strain
 (@ Temp=25-29°C: Constant Rate of Strain = 0.01 inch/min)



Stress Vs. Strain of GPG Series (0.75, 1.0, 1.5 mm thick) with Step Application of Strain
 (@ Temp=25-29°C: Rate of Strain = 0.01 inch/min between each step application of strain; stress measurement time interval of 2 min for each step application of strain)



Thermal Impedance Vs. Stress of GPG Series (0.75, 1.0, 1.5 mm thick)
 (at Temp=60°C: Step application of pressure 10, 30, 50, 70 psi; ASTM D5470 modified)



GET IN TOUCH

EMAIL: SUPPORT@TENNMAX.COM

TEL: +1 360-567-0707



TENNMAX.COM

This information and our technical advice – whether verbal, in writing or by way of trials – are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with our General Conditions of Sale and Delivery. V1