

Thermal Interface Material

Thermally Conductive Dispensable Jelly



MATERIAL

Silicone



FEATURES

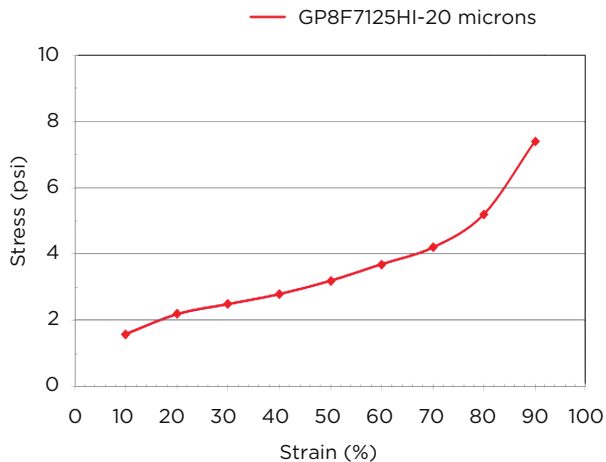
- Pre-cured and easily dispensable to reduce assembly time and cost
- Ultra soft, allows for flexible design
- Long-term reliability in harsh heat, thermal cycle and vibration
- No pump-out or dry-up issues

PROPERTIES	GP8F7125HI-20 microns
Composition	Silicone Gel
Color	Dark Gray
Softness	10 Shore OO
Density	3.20 g/cm ³
Thermal Conductivity	8.0 W/m-K
Thermal Impedance @ 50 psi	0.036 °C-in ² /W
Volume Resistivity	>2X10 ¹³ Ohm-cm

PROPERTIES	GP8F7125HI-20 microns
Dielectric Strength	>4500 Volt/mm
Thermal Expansion	36 ppm/°C
Min. Bond Line Thickness	0.02 mm
Operating Temperature	-55 to 200 °C
Outgassing	0.26% TML (0.03% CVCM)
Flammability Rating	V-0 (UL File E333972)
Standard Packaging: 1cc, 30cc, 50cc, 200cc syringe 1 gallon and 5 gallon pail	

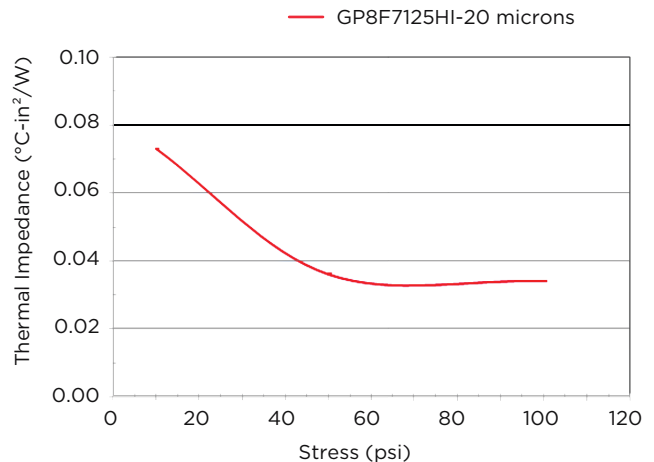
Stress Vs. Strain of GP8F7125HI-20 microns (1.5mm thick) with Constant Rate of Strain

(@ Temp=25-29°C: Constant Rate of Strain = 0.01 inch/min.)



Thermal Impedance Vs. Stress of GP8F7125HI-20 microns (1mm thick)

(@ 60°C: Step application of pressure 10, 50, 100 psi; ASTM D5470 modified)



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