

Thermal Interface Material

Thermally Conductive Dispensable Jelly

**MATERIAL**

Silicone

**FEATURES**

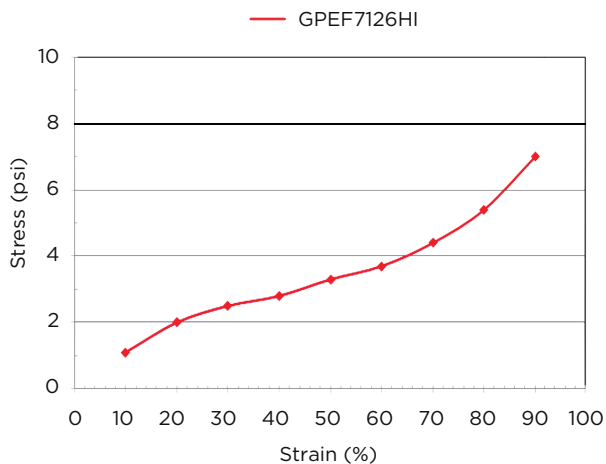
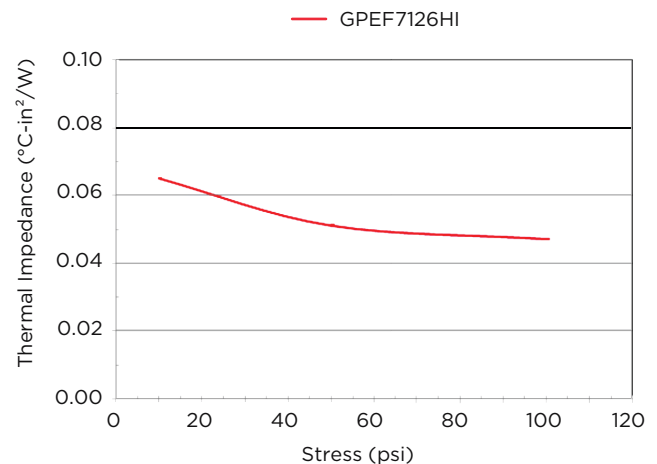
- Pre-cured and easily dispensable to reduce assembly time and cost
- Ultra soft, allows for flexible design
- Long-term reliability in harsh heat, thermal cycle and vibration
- No pump-out or dry-up issues

PROPERTIES	GPEF7126HI
Composition	Silicone Gel
Color	Dark Gray
Softness	10 Shore OO
Density	3.35 g/cm ³
Thermal Conductivity	11.0 W/m-K
Thermal Impedance @ 50 psi	0.051 °C-in ² /W
Volume Resistivity	>1X10 ¹⁴ Ohm-cm

PROPERTIES	GPEF7126HI
Dielectric Strength	>4500 Volt/mm
Thermal Expansion	70 ppm/°C
Min. Bond Line Thickness	0.10 mm
Operating Temperature	-55 to 200 °C
Outgassing	0.28% TML (0.06% 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 GPEF7126HI (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 GPEF7126HI (1mm thick)
(@ 60°C: Step application of pressure
10, 50, 100 psi; ASTM D5470 modified)

GET IN TOUCH

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