

Thermal Interface Material

Thermally Conductive Dispensable Jelly

**MATERIAL**

Silicone

**FEATURES**

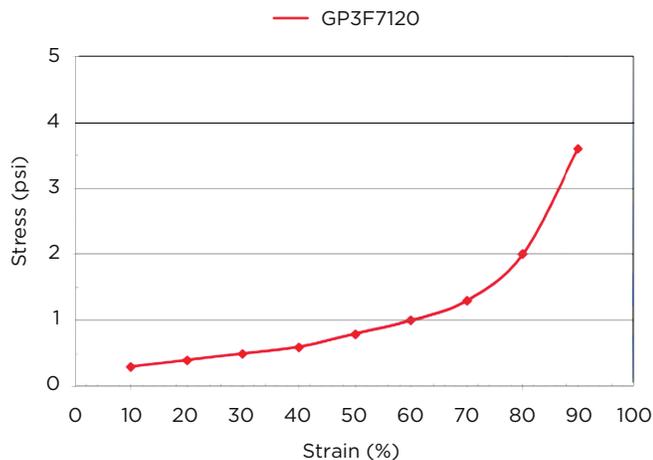
- Pre-cured and easily dispensable to reduce assembly time and cost
- Ultra soft, allows for flexible design
- Long-term reliability in harsh heat, thermal cycle and vibration
- No pump-out or dry-up issues

PROPERTIES	GP3F7120
Composition	Silicone Gel
Color	Black
Softness	5 Shore OO
Density	2.80 g/cm ³
Thermal Conductivity	2.0 W/m-K
Thermal Impedance @ 50 psi	0.068 °C-in ² /W
Volume Resistivity	1X10 ¹⁴ Ohm-cm

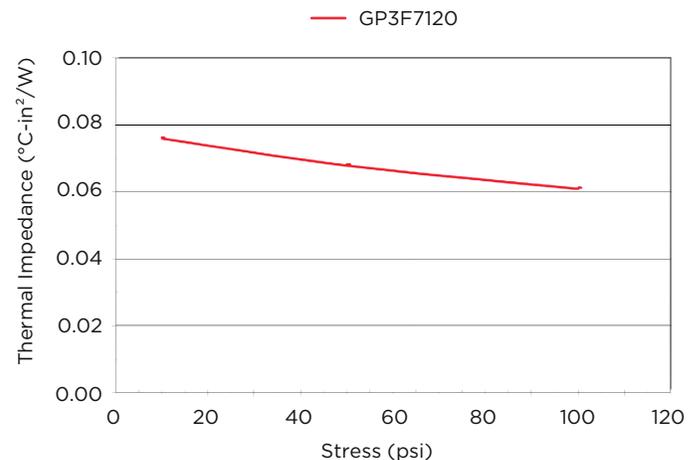
PROPERTIES	GP3F7120
Dielectric Strength	>8000 Volt/mm
Thermal Expansion	50 ppm/°C
Min. Bond Line Thickness	0.05 mm
Operating Temperature	-55 to 200 °C
Flammability Rating	V-0 (UL File E333972)
Standard Packaging: 1cc, 30cc, 50cc, 200cc syringe 1 gallon and 5 gallon pail	

Stress Vs. Strain of GP3F7120 (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 GP3F7120 (1mm thick)

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

GET IN TOUCH

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