

Thermal Interface Material

## Thermally Conductive Dispensable Jelly

**MATERIAL**

Silicone

**FEATURES**

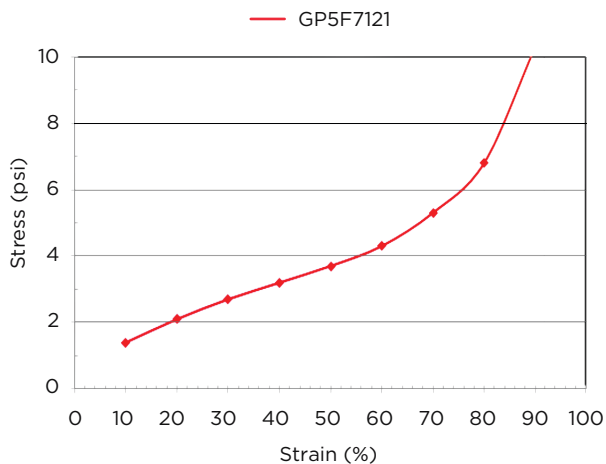
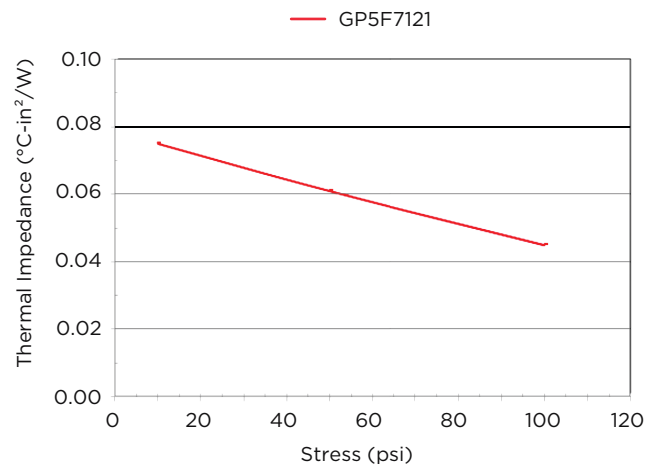
- Pre-cured and easily dispensable to reduce assembly time and cost
- Ultra soft, allows for flexible design
- Long-term reliability in harsh heat, thermal cycle and vibration
- No pump-out or dry-up issues

PROPERTIES	GP5F7121
Composition	Silicone Gel
Color	Brick Red
Softness	10 Shore OO
Density	3.00 g/cm <sup>3</sup>
Thermal Conductivity	3.0 W/m-K
Thermal Impedance @ 50 psi	0.061 °C-in <sup>2</sup> /W
Volume Resistivity	1X10 <sup>14</sup> Ohm-cm

PROPERTIES	GP5F7121
Dielectric Strength	>8000 Volt/mm
Thermal Expansion	50 ppm/°C
Min. Bond Line Thickness	0.08 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 GP5F7121 (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 GP5F7121 (1mm thick)**
(@ 60°C: Step application of pressure  
10, 50, 100 psi; ASTM D5470 modified)

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