

**SG-TC1.3 Ultra Soft Gap Pad**

<i>Thermal Conductivity</i>	<b>1.3 W/m-K</b>
<i>Category</i>	Silicone Gap Pad
<i>Chemistry</i>	Ceramic Filled Silicone

<i>Reinforcement</i>	Fiberglass Reinforced (GF)
<i>Available Formats</i>	Sheets or Cut Parts
<i>Surface Tack</i>	Tacky single side

<b>Thickness:</b>	<b>0.040" / 1.00mm</b>
<i>Thermal Impedance @ 7 PSI</i>	1.86 °C in <sup>2</sup> / W
<i>Thermal Impedance @ 15 PSI</i>	1.85 °C in <sup>2</sup> / W
<i>Thermal Impedance @ 35 PSI</i>	1.77 °C in <sup>2</sup> / W
<i>Hardness</i>	5 (Shore 00)
<i>Operating Temp</i>	-40C to 180C
<i>Dielectric Strength</i>	6 kV/mm
<i>Volume Resistivity</i>	6.2 x 10 <sup>15</sup> ohm-cm

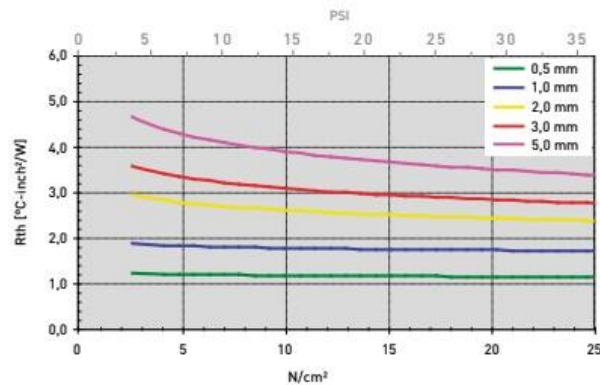
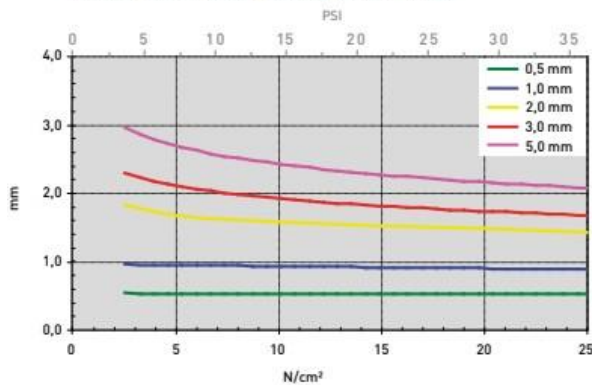
<b>Thickness:</b>	<b>0.078" / 2.00mm</b>
<i>Thermal Impedance @ 7 PSI</i>	2.80 °C in <sup>2</sup> / W
<i>Thermal Impedance @ 15 PSI</i>	2.70 °C in <sup>2</sup> / W
<i>Thermal Impedance @ 35 PSI</i>	2.43 °C in <sup>2</sup> / W
<i>Hardness</i>	5 (Shore 00)
<i>Operating Temp</i>	-40C to 180C
<i>Dielectric Strength</i>	6 kV/mm
<i>Volume Resistivity</i>	6.2 x 10 <sup>15</sup> ohm-cm

<b>Thickness:</b>	<b>0.118" / 3.00mm</b>
<i>Thermal Impedance @ 7 PSI</i>	3.30 °C in <sup>2</sup> / W
<i>Thermal Impedance @ 15 PSI</i>	3.10 °C in <sup>2</sup> / W
<i>Thermal Impedance @ 35 PSI</i>	2.80 °C in <sup>2</sup> / W
<i>Hardness</i>	5 (Shore 00)
<i>Operating Temp</i>	-40C to 180C
<i>Dielectric Strength</i>	6 kV/mm
<i>Volume Resistivity</i>	6.2 x 10 <sup>15</sup> ohm-cm

**RoHS Compliant**  
**UL Certification**

**Yes**  
**UL94-V0**

mm vs. N/cm<sup>2</sup> [PSI] / Rth vs. N/cm<sup>2</sup> [PSI]



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