

TIG™ 780-38D Is the use of environmentally safe thermal silicone grease, with good agitation and thixotropy. When the external force is applied, the consistency of the silicone grease decreases, showing a good stirring ability. However, after the removal of the external force, the silicon grease is in a static state, and the consistency of the silicone grease increases, showing good thixotropy and no flow drawing phenomenon. The thixotropic thermal conductive silicone grease has better scratch and coating property in the use process, will not appear the hanging phenomenon, is more conducive to the operation of the glue, has good fine and thermal conductivity, and has the advantages of good storage stability

Features And Benefits

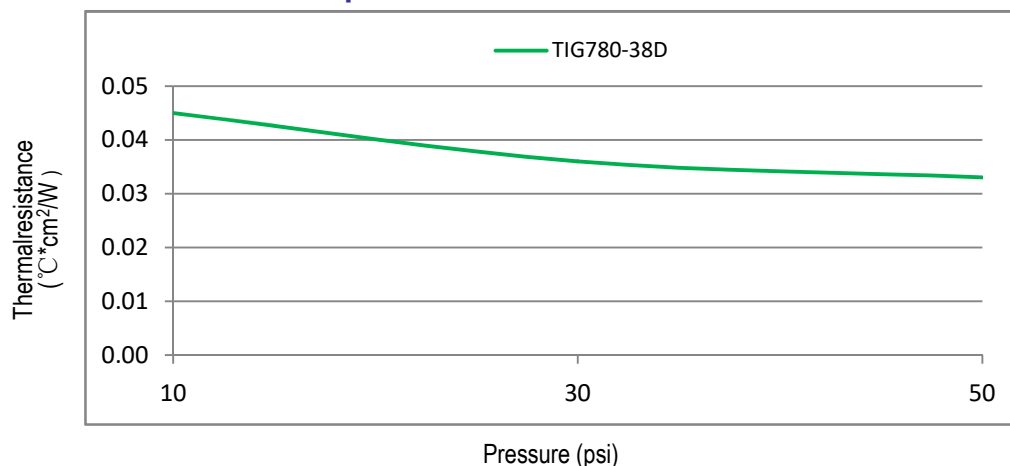
- » Good thermal conductivity
- » Non-toxic and environmentally safe
- » Excellent long term stability
- » Thoroughly wets out contact surfaces to create low thermal resistance

Application

- » Microprocessors
- » Chipsets
- » Graphic processing chips
- » Set Top Box
- » LED

TIG™ 780-38D 特性表			
Property	Unit	Value	Test Method
Color	NA	White	visual
Construction	NA	Metal oxide filled Silicone Oil	*****
Density	g/cm3	2.36	ASTM D297
Thermal Conductivity	W/mK	3.8	ASTM D5470
Thermal impedance @10psi	°C*cm ² /W	0.045	ASTM D5470
Thermal impedance @50psi	°C*cm ² /W	0.033	ASTM D5470
Viscosity	mPa.s	220000	GB/T 10247

Pressure vs. Thermal Impedance



Product Specification

Product Thicknesses: 0.020-inch to 0.200-inch (0.5mm to 5.0mm) **Product Sizes:** 8" x 16"(203mm x 406mm)

Individual die cut shapes and custom thickness can be supplied. Please contact us for confirming

[Thermally Conductive Materials](#) [Thermally Conductive Plastics](#) [Heat Generating Materials](#) [Shielding Materials](#) [Foaming Silica Gel](#) [Die-Cutting Products](#)

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