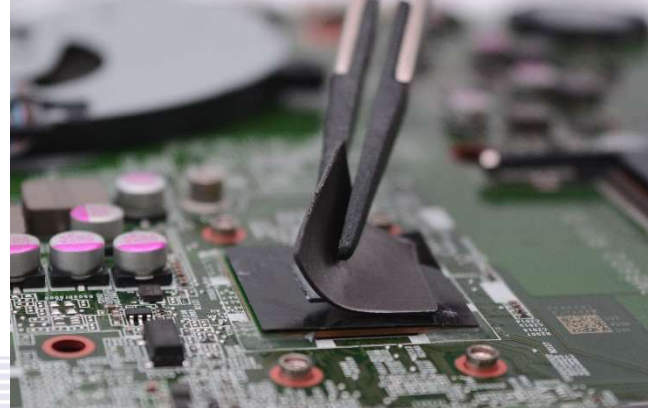


KEY FEATURES

PRODUCT FEATURES:

- ≡ Non-silicone, non-reactive, non-curing system with no resin-filler separation
- ≡ High thermal stability, with continuous operation up to 150°C
- ≡ High thermal conductivity (>40W/mK)
- ≡ Easy pick and place application (naturally sticky) without residue/mess
- ≡ Highly compressible to minimize contact resistance without high force and component stress



PRELIMINARY TECHNICAL SPECIFICATIONS

Test	Description	Min	Typ	Max	Units
Thermal Conductivity	As per ASTM D5470	>40*			W/mK
Thermal Impedance vs Pressure	ASTM D5470	0.56 (0.087) @10psi 0.29 (0.045) @30psi**			°C-cm ² / W (°C-inch ² /W)
Continuous Use Temperature	Thermexit In-House Method	-40	75	150	°C
Storage Temperature/Shelf Life	Thermexit In-House Method	10-40C for 12 months			°C
Total Mass Loss/TGA	ASTM E595 / Thermal stability (TGA)	<0.2% @150C*			
Hardness	ASTM D2240	60*			Shore 00
Compression-Deflection	ASTM D5470/ASTM C165	50% at 30psi**			%
Compression Set	ASTM D395 Method B	80% after 22hrs at RT*			
Length	Major axis of the pad footprint, +/-10%	5	20	100	mm
Width	Minor axis of the pad footprint, +/-10%	5	20	100	mm
Height	Thickness of the pad, +/-10%	0.5	2	5	mm
Density (Specific Gravity)	ASTM D0792	1.73*			g/mL
Standard Color	Thermexit In-House Method	Black			

*Preliminary Data, **1.5mm thickness : additional data available








Disclaimer

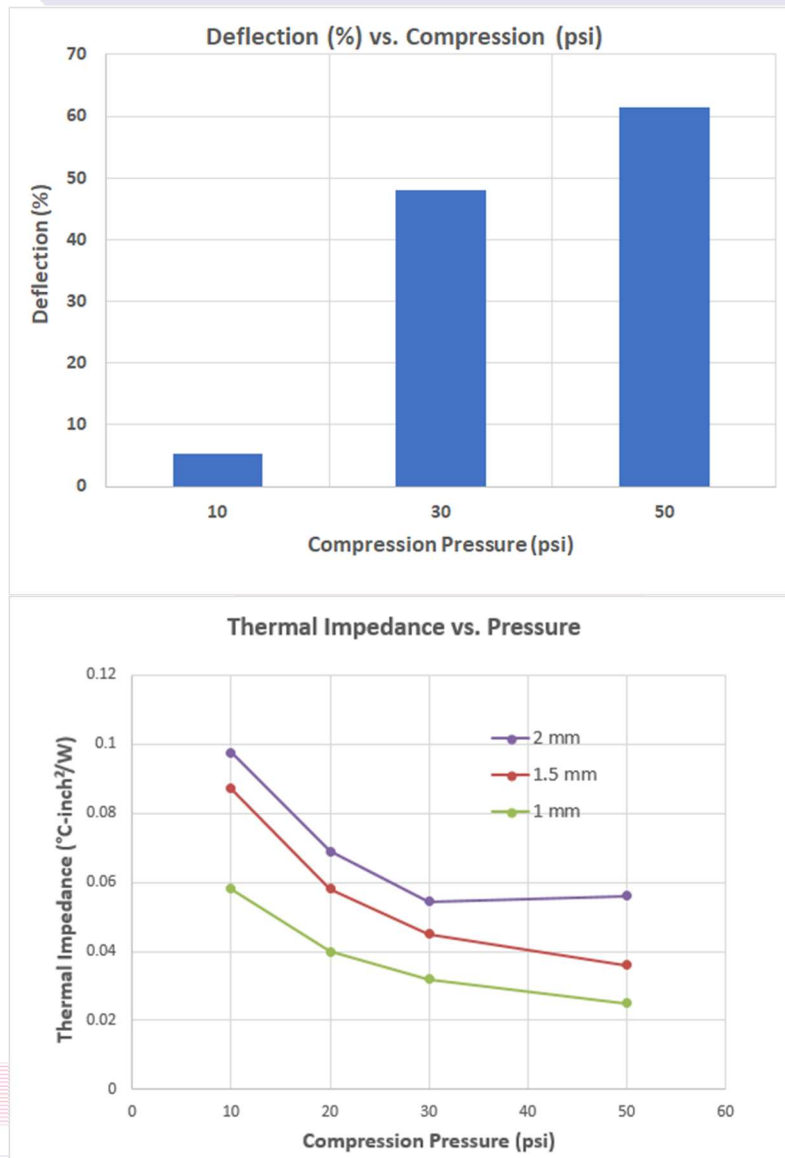
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TYPICAL APPLICATIONS

MARKET APPLICATIONS

-  Consumer electronics
-  Power supplies
-  Automotive electronics
-  LED, LCD and optical display
-  Motor controls
-  High power density semiconductors
-  Batteries or energy storage devices



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