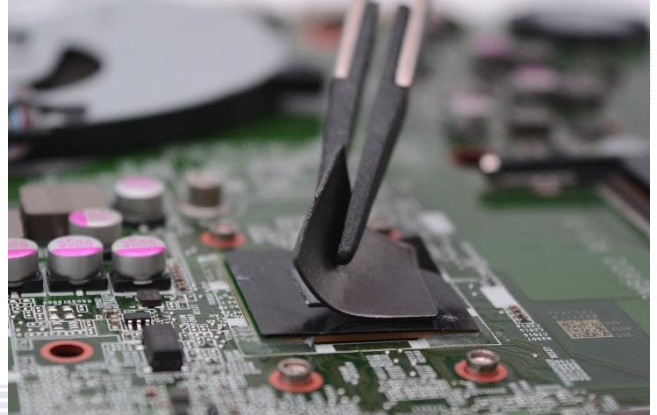


## KEY FEATURES

### 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	Max	Units
Thermal Conductivity *	As per ASTM D5470	40		W/mK
Thermal Impedance vs Pressure **	As per ASTM D5470	0.56 (0.087) @10psi 0.37 (0.057) @30psi		°C-cm <sup>2</sup> / W (°C-inch <sup>2</sup> /W)
Continuous Use Temperature	Thermexit In-House Method	-40	150	°C
Storage Temperature/Shelf Life	Thermexit In-House Method	10-40C for 12 months		°C
Total Mass Loss/TGA *	Thermal stability (TGA)	<0.2% @150		°C
Hardness *	As per ASTM D2240	70		Shore 00
Outgassing CVCM (Collectible Volatile Condensable Materials)	As per ASTM E595	0.10		Wt. %
Outgassing TML (Total Mass Loss)	As per ASTM E595	0.47		Wt. %
Compression-Deflection **	ASTM D5470/ASTM C165	50% at 45psi		%
Compression Set *	ASTM D395 Method B	64% after 22hrs at RT		
Length	Major axis of the pad footprint, +/-10%	5	100	mm
Width	Minor axis of the pad footprint, +/-10%	5	100	mm
Height	Thickness of the pad, +/-10%	0.5	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

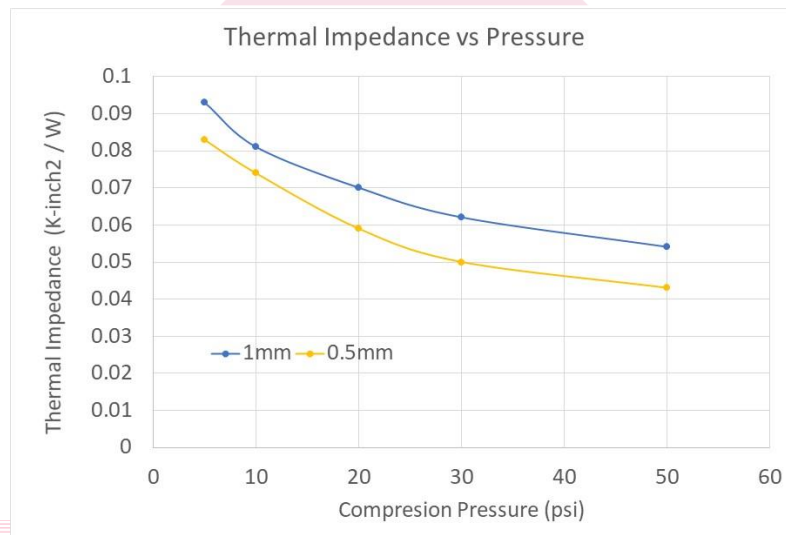
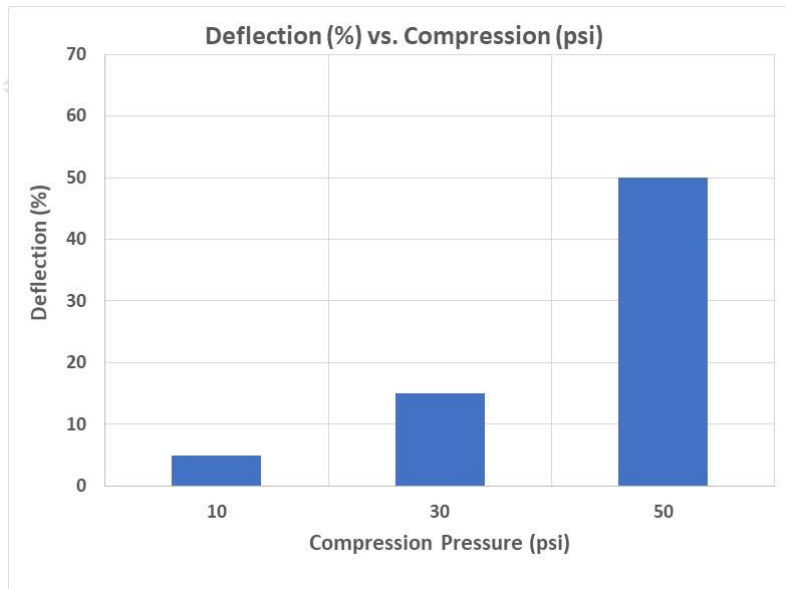
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## TYPICAL APPLICATIONS

### MARKET APPLICATIONS

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



Rev Number: 24

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