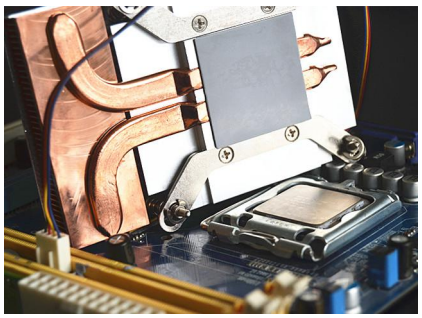
Flextein™ PCM30 Thermally Conductive, Phase Change Material

FEATURES & BENEFITS

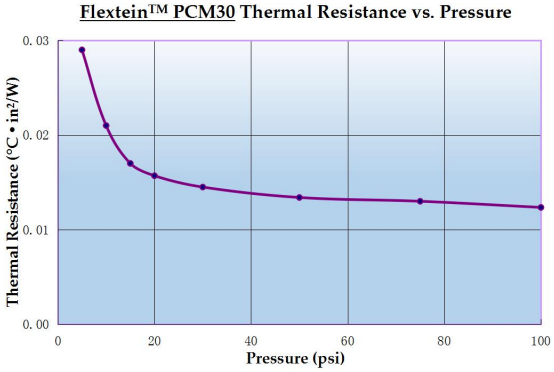
- Thermal Resistance（0.016 °C·in²/W @ 20psi）
- Inherently tacky and easy-to-use, no adhesive required
- Meets all environmental requirements including RoHS



Flextein™ PCM30 series is a high performance thermal phase change material (PCM) designed to meet the thermal reliability and price requirements of high-end thermal applications. The series is inherently tacky, flexible and exceptionally easy-to-use. The PCM30 series can be supplied as cut parts in strips and rolls with top tabbed liners for easy application.

TYPICAL PROPERTY DATA

PROPERTIES	UNITS	PCM30	TEST METHOD
Appearance	-	Grey	Visual
Construction	-	Non-reinforced film	-
Thermal Conductivity	W/m·K	3.0	Hot disk
		3.0	ASTM D5470
Thermal Resistance (0.15mm)	@ 10 psi	0.021 °C·in²/W (0.135 °C·cm²/W)	ASTM D5470
	@ 20 psi	0.016 °C·in²/W (0.103 °C·cm²/W)	
	@ 50 psi	0.013 °C·in²/W (0.084 °C·cm²/W)	
Volume Resistivity	Ω·cm	3.0×10^{12}	ASTM D257
Thickness	mm	0.10 to 0.30	ASTM D374
Flame Rating	-	94 V-0	U.L.
Density	g/cm³	2.87	ASTM D792
Phase change softening temperature	°C	50	DSC
Service Temp.	°C	-40 to 125	Nystein
RoHS Compliant	-	Yes	Nystein



CONFIGURATIONS AVAILABLE

- Sheet form and die-cut parts

TYPICAL APPLICATIONS

- Computer and peripherals
- Microprocessors, Chipsets, Graphic processing chips
- Custom ASICS Chips
- MODs

QUALITY GUARANTEE - PLEASE READ

We guarantee the performance of the products contained, the use of information are accurate and reliable. However, before your use or deal with their performance, security and use of the test. The application of the recommendations can not be regarded as applicable in any state.