



Gap Pad[®] VO Ultra Soft

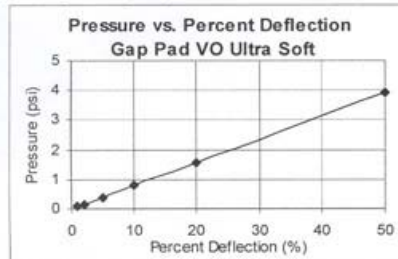
Highly Conformable, Thermally Conductive Material for Filling Air Gaps

Features and Benefits

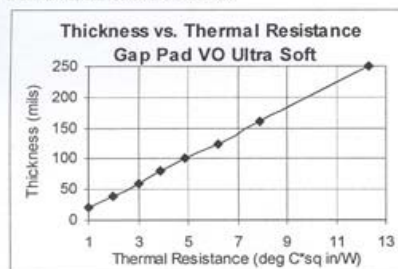
- Thermal conductivity 1.0 W/m-K
- Highly conformable nature
- Shock absorbing characteristics
- Electrically isolating

Gap Pad VO Ultra Soft is recommended for applications that require a minimum amount of stress on components. The viscoelastic nature of the material also gives excellent low stress vibration dampening and shock absorbing characteristics. Gap Pad VO Ultra Soft is an electrically isolating material, which allows its use in applications requiring isolation between heat sinks and high voltage, bare leaded devices.

To calculate the approximate amount of deflection for a specific material thickness, at a given pressure, refer to the graph below. Multiply the thickness of the material by the percentage at the given pressure.*



The resultant thickness of the Gap Pad will determine the thermal resistance. Subtracting the initial gap pad thickness by the deflection value, obtained above, will give the resultant thickness. Refer to the graph below to obtain the thermal resistance of the material.



www.bergquistcompany.com

Product Data Sheet / PDS-GP-VOUS-032703

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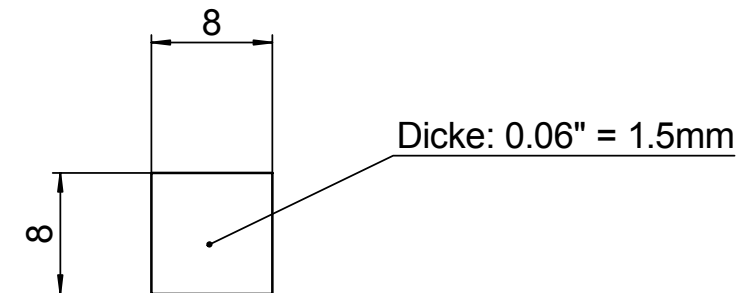
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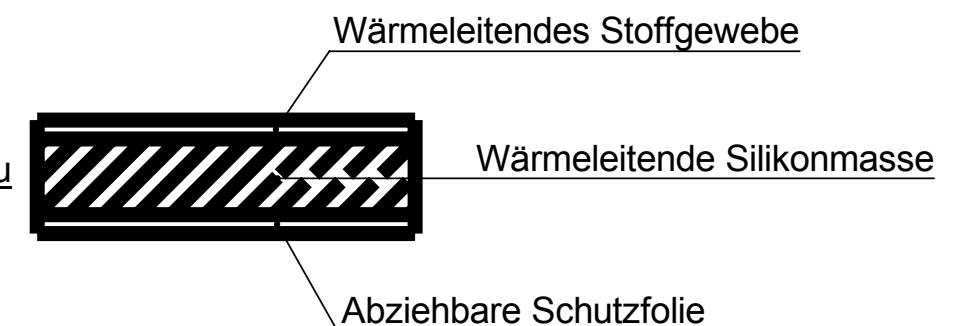
- Tolerances for shape and condition
- DIN-ISO 2768-2 : H □ K □ L □
Tolerances
to DIN 7167

Workshop accuracies for general tolerances
- Tolerances for length and angle dimensions:
DIN-ISO 2768-1: fine □ medium □ coarse □
- Machining details and finish classification to DIN ISO 1302

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Schematischer Aufbau



Bezeichnung: GAP PAD VO ULTRA SOFT (8"x16"x0.06")

Lieferant: HUTMACHER + SCHLUND AG

material	siehe oben	finalstate		parts list	yes ☒	no ☐
drawn	14.10.2004 Ch. Baumg.	status		scale	2:1 (1:1)	
checked		release for manufacture		symbolword	size	sheets
		Crash Protected Memory		revision	A00	/
		GAP PAD ULTRA SOFT				
SW				5.2621.575/01		DDE