

SOFTTHERM® 6000

Silicone Gap Pad

NEW
DATA SHEET

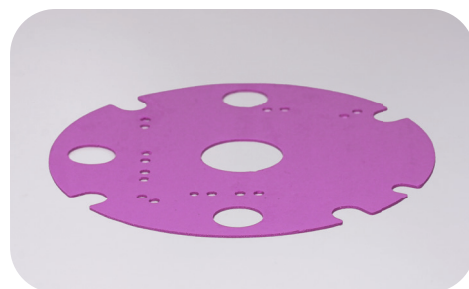
Benefits

- High thermal conductivity
- High electrical insulating
- Elastic



Properties	Unit	6000
Colour		pink
Assembly		silicone
Thermal Properties*		
Thermal resistance R_{th}	K/W	0.41
Thermal conductivity λ	W/mK	6.0
Electrical Properties**		
Dielectric breakdown voltage $U_{d, AC}$	kV	4.0
Mechanical Properties		
Hardness	Shore 00	55 - 75
Physical Properties		
Application temperature	°C	-40 to +200
Density	g/cm ³	3.18
Total mass loss (TML)	Ma.-%	< 0.08
Flame rating	UL-94	V - 0
Possible thickness	mm	0.8 - 3.0

* Measured @ thickness 1 mm ** Measured @ thickness 0.5 mm



! At maximum pressure, Gap Pads (SOFTTHERM® Films) should not be compressed beyond 30% of the original thickness. In case the material should be compressed more than 30%, the SOFTTHERM® material may leak out.

Note

Disclaimer of Warranties and Limitation of Liability

The specifications provided in this data sheet do not constitute a guarantee or warranty of specific product properties („quality guarantee“). These specifications are derived from our standardized testing procedures conducted under controlled laboratory conditions and are intended to describe the typical properties of the products as expected under standard applications. Variations may occur depending on the specific application. Accordingly, it is the responsibility of the customer to test and evaluate the products for their intended use, and adjustments to the application may be required.

The customer assumes full responsibility for the safety and functionality of their applications in which these products are integrated. Appropriate safety measures must be implemented to prevent bodily injury, fire, or other damages resulting from product defects. The customer is also responsible for ensuring that the design of their application complies with all applicable laws, regulations, codes, and standards.

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