

SOFTTHERM® 6000

Silicone Gap Pad

NEW
DATA SHEET

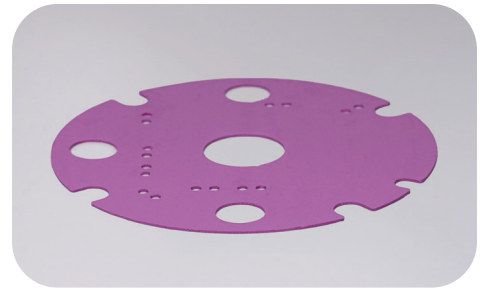
Benefits

- 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.