

ICEPAD 3000

Silicone Gap Pad

PRELIMINARY DATA SHEET

Benefits

- Good compromise between softness and thermal conductivity
- Outstanding temperature stability
- Elastic behavior
- suitable for military and aerospace applications



Properties	Unit	3000
Colour		turquoise
Thermal Properties*		
Thermal resistance R_{th}	K/W	0.82
Thermal conductivity λ	W/mK	3.0
Thermal impedance	mm ² /W	328
	kin ² /W	0.5
Electrical Properties**		
Dielectric breakdown voltage $U_{d, AC}$	kV	7.0
Mechanical Properties*		
Hardness	Shore 00	50-65
Physical Properties		
Application temperature	°C	-90 to +200
Density	g/cm ³	1.87
Flame rating	UL-94	VO***
Possible thickness	mm	0.5-4.0

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

! 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.