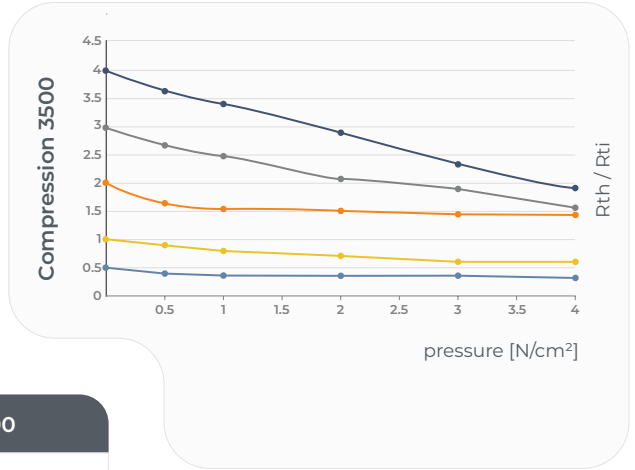


SOFTTHERM® 3500

Silicone Gap Pad

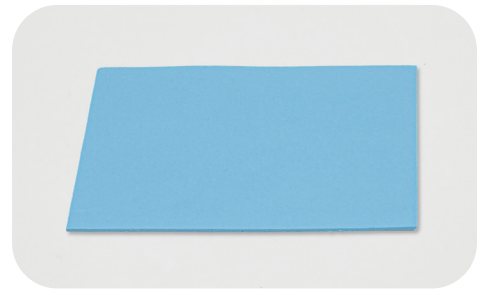
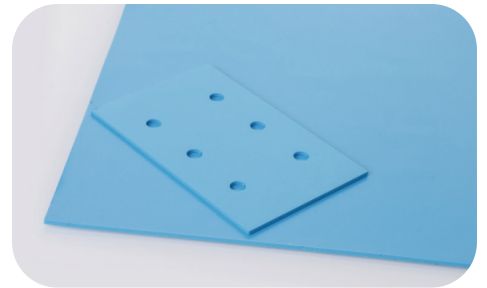
Benefits

- Low thermal resistance
- Good price performance ratio
- Elastic behavior



Properties	Unit	3500
Colour		azure
Assembly		single layer
Thermal Properties*		
Thermal resistance R_{th}	K/W	0.73
Thermal resistance R_{ti}	°Cmm²/W	144
	kin²/W	0.22
Thermal conductivity λ	W/mK	3.5
Electrical Properties**		
Dielectric breakdown voltage $U_{d,AC}$	kV	5.0
Volume resistivity	Ωm	8.1×10^{10}
Dielectric loss factor $\tan \delta$		0.3
Dielectric constant ϵ_r		3.3
Mechanical Properties*		
Hardness	Shore 00	45 - 65
Physical Properties		
Application temperature	°C	-40 to +200
Density	g/cm³	2.9
Total mass loss (TML)	Ma.-%	< 0.1
Flame rating	UL-94	V-0
Possible thickness	mm	1.0 - 4.0

* 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.