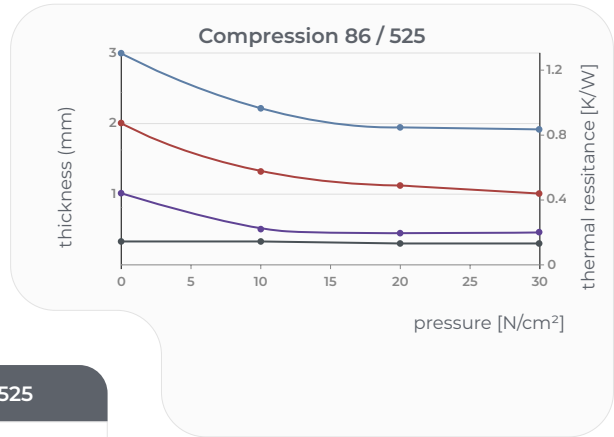


86 / 525

Silicone Gap Pad

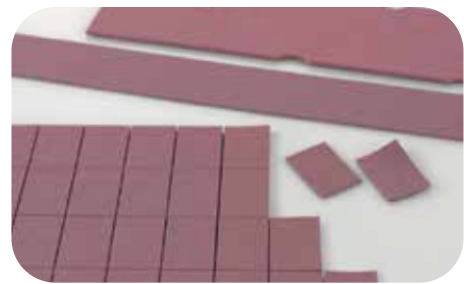
Benefits

- Low thermal resistance
- High compensation of surface roughness
- Plastic behavior
- Non sticky, available with adhesive coating



Properties	Unit	86 / 525
Colour		violet
Assembly		single layer
Thermal Properties*		
Thermal resistance R_{th}	K/W	0.44
Thermal conductivity λ	W/mK	5.5
Electrical Properties**		
Dielectric breakdown voltage $U_{d,ac}$	kV	1.25
Volume resistivity	Ωm	1.6×10^{13}
Dielectric loss factor $\tan \delta$		1.0×10^{-3}
Dielectric constant ϵ_r		2.7
Mechanical Properties*		
Hardness	Shore 00	50 - 65
Young 's modulus	N/cm²	99
Physical Properties		
Application temperature	°C	-40 to +180
Density	g/cm³	1.18
Total mass loss (TML)	Ma.-%	< 0.35
Flame rating	UL-94	V-0
Possible thickness	mm	0.5 - 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.

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