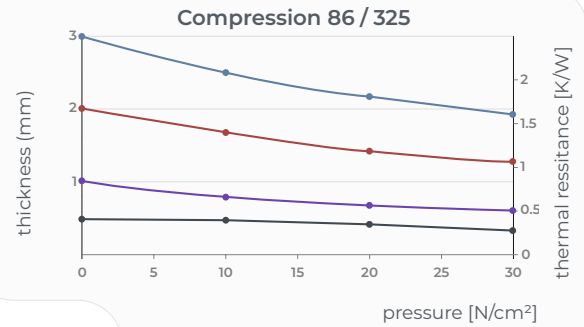


86 / 325

Silicone Gap Pad

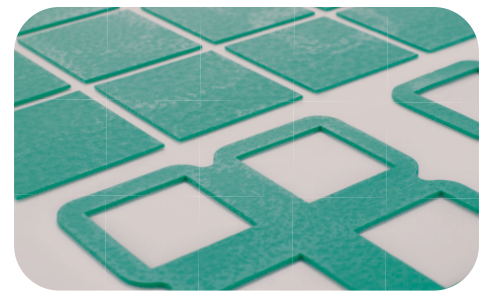
Benefits

- Good compromise between softness and thermal conductivity
- Very soft to compensate mechanical impacts like vibrations
- Elastic behavior



Properties	Unit	86 / 325
Colour		mint
Assembly		single layer, fibreglass reinforcement up to 1.0 mm
Electrical Properties*		
Thermal resistance R_{th}	K/W	0.82
Thermal resistance R_{ti}	$^{\circ}Cmm^2/W$	164
	Kn^2/W	0.25
Thermal conductivity λ	W/mK	3.0
Electrical Properties**		
Dielectric breakdown voltage $U_{d,AC}$	kV	6.0
Volume resistivity	Ωm	8.5×10^{10}
Dielectric loss factor $\tan \delta$		1.5×10^{-1}
Dielectric constant ϵ_r		3.8
Mechanical Properties*		
Hardness	Shore 00	35-50
Young's modulus	N/cm^2	64
Physical Properties		
Application temperature	$^{\circ}C$	-40 to +180
Density	g/cm^3	1.95
Total mass loss (TML)	Ma.-%	< 0.35
Flame rating	UL-94	V-0
Possible thickness	mm	0.5-4.0

* 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.