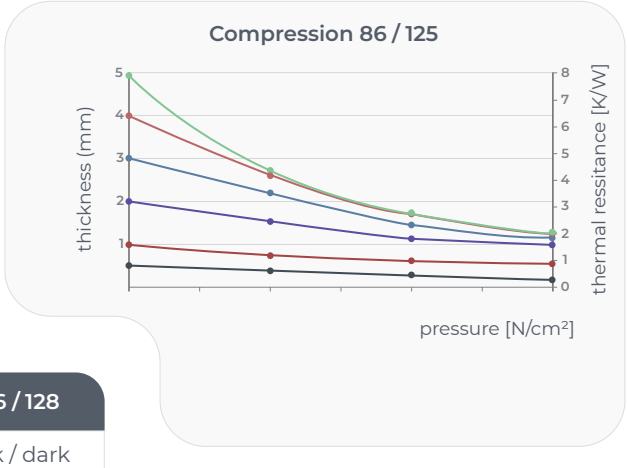
86 / 125 & 86 / 128
Silicone Gap Pad



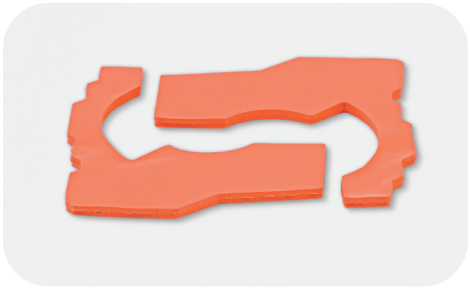
Benefits

- Low cost solution
- Very low Hardness
- Elastic behavior
- Also available as a double layer material

Properties	Unit	86 / 125	86 / 128
Colour		dark orange	pink / dark orange
Assembly		single layer, fibre glass reinforce-ment up to 4.0 mm	double layer carrier film 86/52 in 0.125 mm
Thermal Properties*			
Thermal resistance R_{th}	K/W	1.6	1.6
Thermal conductivity λ	W/mK	1.5	1.5
Electrical Properties**			
Dielectric breakdown voltage $U_{d;\,AC}$	kV	6.0	6.0
Volume resistivity	Ωm	6.1×10^{10}	1.8×10^{12}
Dielectric loss factor tan δ		1.5×10^{-1}	1.0×10^{-3}
Dielectric constant ε_r		4.3	2.3
Mechanical Properties			
Hardness	Shore 00	10 - 25	10 - 25
Young´s modulus	N/cm²	24	67
Physical Properties			
Application temperature	°C	-40 to +180	-40 to +180
Density	g/cm³	2.0	1.9
Total mass loss (TML)	Ma.-%	< 0.29	< 0.29
Flame rating	UL-94	V - 0	
Possible thickness	mm	0.5 - 5.0	0.5 - 5.0

* 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.

Data for engineer guidance only. Observed performance varies in application. Engineers are reminded to test the material in application.