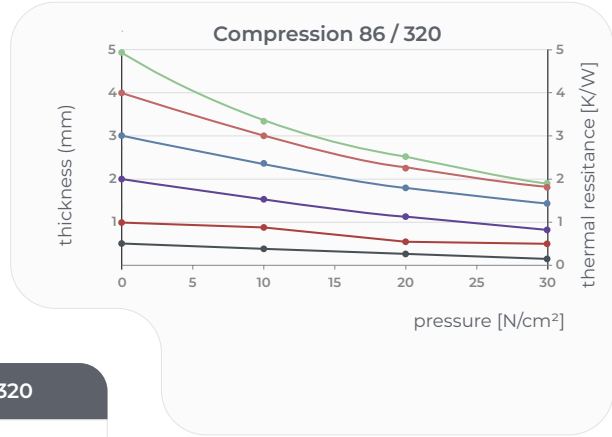


# 86 / 320

## Silicone Gap Pad

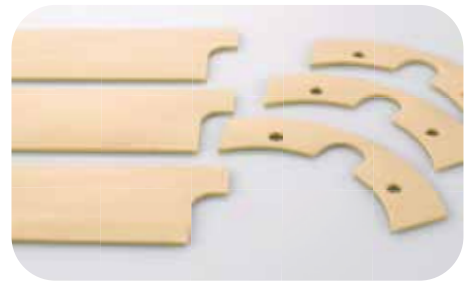
### Benefits

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



Properties	Unit	86 / 320
Colour		yellow
Assembly		single layer, fibreglass reinforcement up to 1.5 mm
<b>Thermal Properties*</b>		
Thermal resistance $R_{th}$	K/W	1.0
Thermal conductivity $\lambda$	W/mK	2.5
<b>Electrical Properties**</b>		
Dielectric breakdown voltage $U_{d,AC}$	kV	5.0
Volume resistivity	$\Omega m$	$6.8 \times 10^{11}$
Dielectric loss factor $\tan \delta$		$2.9 \times 10^{-2}$
Dielectric constant $\epsilon_r$		3.4
<b>Mechanical Properties*</b>		
Hardness	Shore 00	25 - 38
Young's modulus	N/cm²	32
<b>Physical Properties</b>		
Application temperature	°C	-40 to +180
Density	g/cm³	1.69
Total mass loss (TML)	Ma.-%	< 0.46
Possible thickness	mm	1.0 - 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.

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