

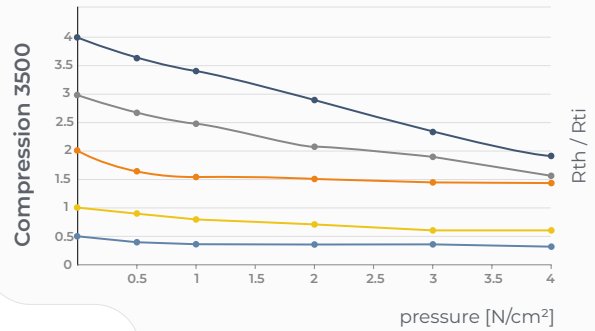
# SOFTTHERM® 3500

## Silicone Gap Pad

MH&W INTERNATIONAL CORPORATION  
A POWERFUL SOLUTION

### Benefits

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



Properties	Unit	3500
Colour		azure
Assembly		single layer
<b>Thermal Properties*</b>		
Thermal resistance $R_{th}$	K/W	0.73
Thermal conductivity $\lambda$	W/mK	3.5
<b>Electrical Properties**</b>		
Dielectric breakdown voltage $U_{d,AC}$	kV	5.0
Volume resistivity	$\Omega m$	$8.1 \times 10^{10}$
Dielectric loss factor $\tan \delta$		0.3
Dielectric constant $\epsilon_r$		3.3
<b>Mechanical Properties*</b>		
Hardness	Shore 00	45 - 65
<b>Physical Properties</b>		
Application temperature	°C	-40 to +200
Density	g/cm <sup>3</sup>	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.

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