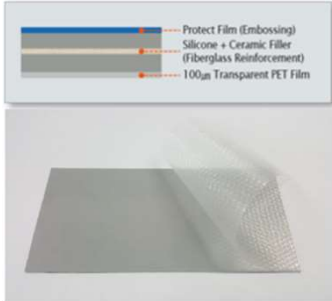


# Thermal Interface Material



## TP-SG3005



- Low hardness
- Naturally tacky
- Fiberglass reinforced
- High mechanical strength

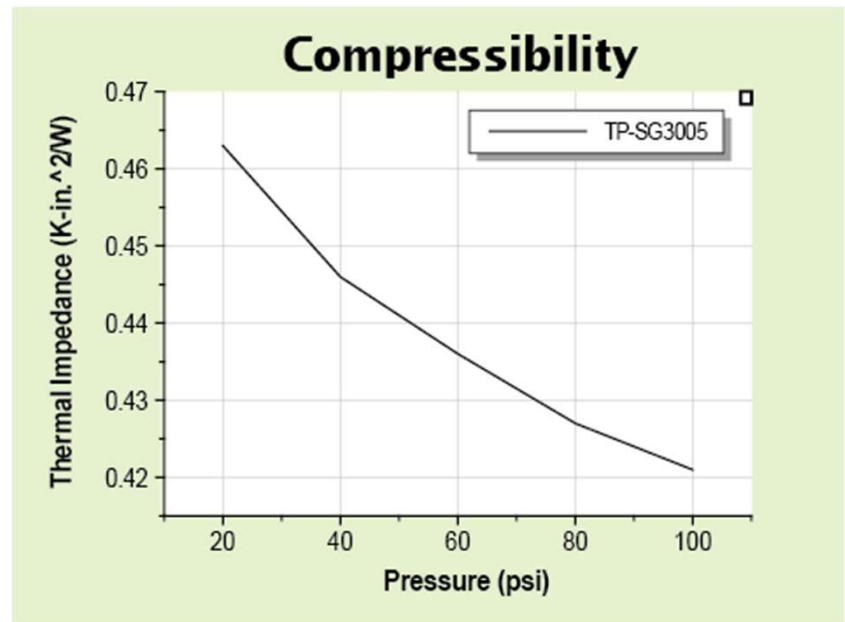
### Applications

- LED lighting
- Graphic card
- Processor
- High power SMPS

### Options

- Available thicknesses: 0.5mm

Properties	Unit	TP-SG3005
Color		Light Grey
<b>Thermal Properties</b>		
Thermal Conductivity	W/mK	3.0
<b>Electrical Properties</b>		
Breakdown Voltage $U_{d; ac}$	kV	>5
Volume Resistivity	$\Omega m$	$10^{13}$
Dielectric Constant $\epsilon_r$		6.7
<b>Mechanical Properties</b>		
Hardness	Shore A	45
Tensile Strength	MPa (psi)	4 (580)
Elongation	%	36
<b>Physical Properties</b>		
Application Temperature	$^{\circ}C$ ( $^{\circ}F$ )	-60 to +200 (-76 to +392)
Density	$g/cm^3$	2.8
Flame rating	UL-94	V-0
Possible Thickness	mm (inch)	0.5 (0.02)



The data provide engineering guidance, performance in actual applications should be established through testing.