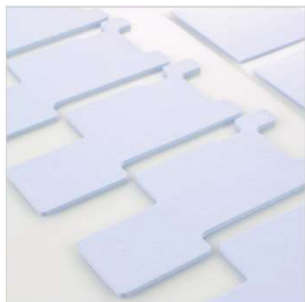


Thermal Interface Material



86/300



- Soft material
- Glass fiber up to 1mm
- Good electrical insulation
- Good thermal performance

Applications

- Lighting
- Appliances
- Automotive
- Control units
- Larger applications

Options

- Available with one side adhesive coating as 86/300K
- Other thicknesses maybe available, subject to minimum order quantities

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

Properties	Unit	86/300
Color		Blue
Thermal Properties		
Thermal Conductivity	W/mK	3.0
Thermal Resistance	K/W	0.41
Electrical Properties		
Breakdown Voltage $U_{d; ac}$	kV	7
Dielectric Breakdown $E_{d; ac}$	kV/mm	14
Volume Resistivity	Ωm	1.0×10^{11}
Dielectric Constant ϵ_r		3.3
Dielectric Loss factor $\tan\delta$		5.0×10^{-3}
Mechanical Properties		
Hardness	Shore 00	60-75
Young's Modulus	N/cm ²	24
Physical Properties		
Application Temperature	°C (°F)	-60 to +200 (-76 to +392)
Density	g/cm ³	1.71
Total Mass Loss (TML)	%	<0.35
Flame rating	UL-94	V-0
Standard Thickness	mm (inch)	0.5, 0.8, 1, 1.5, 2, 3, 4, 5 (0.02, 0.03, 0.04, 0.06, 0.08, 0.12, 0.16, .0.02)

