

Thermal Interface Material



86/600



- Soft material
- Single layer material
- No glass fiber
- Excellent thermal performance

Applications

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

Options

- Available with one side adhesive coating as 86/600K
- 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	86/600
Color		Gray
Thermal Properties		
Thermal Conductivity	W/mK	6
Thermal Resistance	K/W	0.2
Electrical Properties		
Breakdown Voltage $U_{d; ac}$	kV	1.5
Dielectric Breakdown $E_{d; ac}$	kV/mm	3.0
Volume Resistivity	Ωm	1.7×10^{10}
Dielectric Constant ϵ_r		2.5
Dielectric Loss factor $\tan \delta$		2×10^{-3}
Mechanical Properties		
Hardness	Shore 00	60-75
Young's Modulus	N/cm ²	77
Physical Properties		
Application Temperature	°C (°F)	-60 to +180 (-76 to +356)
Density	g/cm ³	1.28
Total Mass Loss (TML)	%	<0.40
Flame rating	UL-94	V-0
Standard Thickness	mm (inch)	0.5, 1, 1.5 (0.02, 0.04, 0.06)

