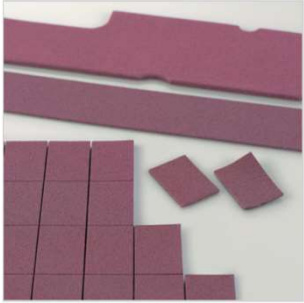


Thermal Interface Material



86/525



- 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 86/525K
- 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	86/525
Color		Brown
Thermal Properties		
Thermal Conductivity	W/mK	5.5
Thermal Resistance	K/W	0.22
Electrical Properties		
Breakdown Voltage $U_{d; ac}$	kV	1.25
Dielectric Breakdown $E_{d; ac}$	kV/mm	2.5
Volume Resistivity	Ωm	1.6×10^{13}
Dielectric Constant ϵ_r		2.7
Dielectric Loss factor $\tan\delta$		1×10^{-3}
Mechanical Properties		
Hardness	Shore 00	50-65
Young's Modulus	N/cm ²	99
Physical Properties		
Application Temperature	°C (°F)	-40 to +180 (-40 to +356)
Density	g/cm ³	1.18
Total Mass Loss (TML)	%	<0.35
Flame rating	UL-94	V-0
Standard Thickness	mm (inch)	0.5, 1, 1.5, 2, 2.5, 3 (0.02, 0.04, 0.06, 0.08, 0.01, 0.12)

