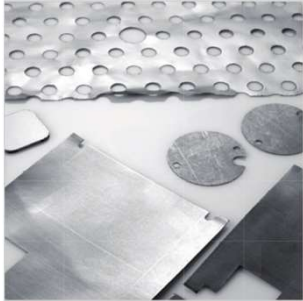


Thermal Interface Material



90/10

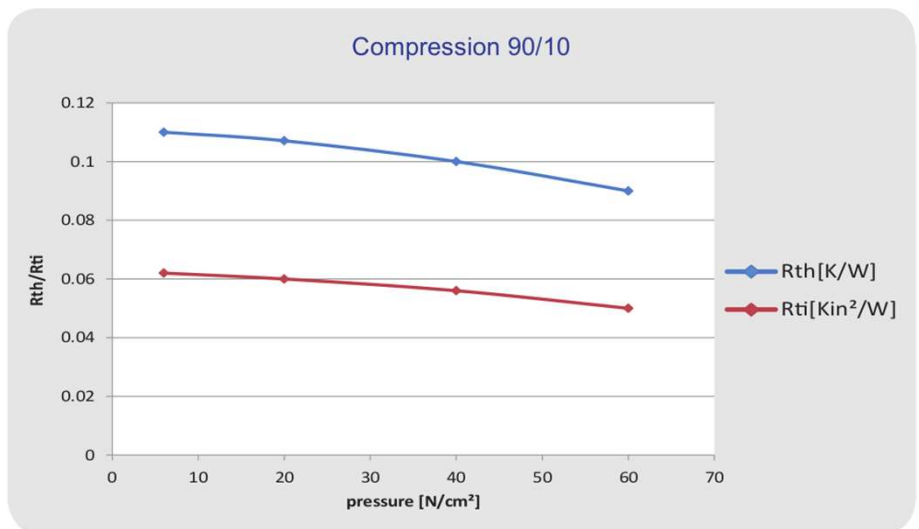


- Pure graphite

Properties	Unit	90/10
Color		Gray
Thermal Properties		
Thermal Conductivity (XY)	W/mK	5.5 (200)
Thermal Resistance	K/W	0.09
Electrical Properties		
Breakdown Voltage $U_{d;ac}$	kV	Conductive
Electrical Resistance (XY)	$\Omega\mu\text{m}$	650-700 (6-8)
Mechanical Properties		
Hardness	Shore D	25-35
Tensile Strength	N/mm ²	5.5
Elongation	%	10
Physical Properties		
Application Temperature	°C (°F)	-40 to +500 (-40 to +932)
Density	g/cm ³	>1.0
Total Mass Loss	Ma. %	0.01
Flame rating	UL-94	V-0
Possible Thickness	mm (inch)	0.15, 0.20 (0.006, 0.008)

Applications

- Chipsets
- Memory chips
- Micro BGA



Options

- Available with filled adhesive as 90/15
- Available with standard adhesive as 90/20

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