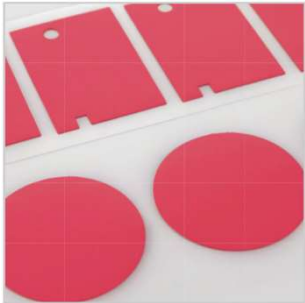


Thermal Interface Material



MT 103



- Thermoplastic tape
- Excellent electrical properties
- Excellent mechanical properties
- Silicone free

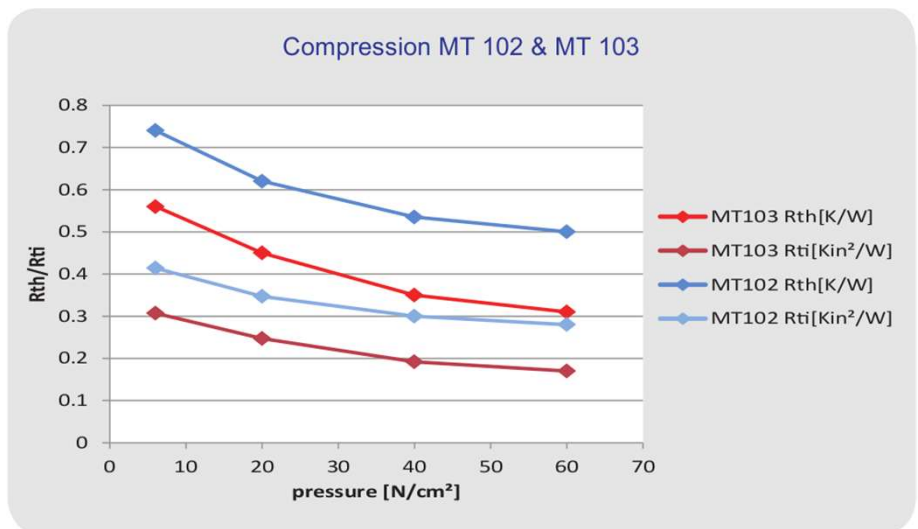
Applications

- Automotive
- High voltage applications
- Power converters

Options

- One sided adhesive coating available as MT 103K

Properties	Unit	MT 103
Color		Red
Thermal Properties		
Thermal Conductivity	W/mK	1.8
Thermal Resistance	K/W	0.39
Electrical Properties		
Breakdown Voltage $U_{d; ac}$	kV	10
Dielectric Breakdown $E_{d; ac}$	kV/mm	25
Volume Resistivity	Ωm	4.7×10^{10}
Dielectric Constant ϵ_r		2.61
Dielectric Loss factor $\tan\delta$		1.0×10^{-3}
Mechanical Properties		
Hardness	Shore A	70-80
Tensile Strength	MPa (psi)	2 (290)
Elongation	%	200
Physical Properties		
Application Temperature	$^{\circ}C$ ($^{\circ}F$)	-40 to +125 (-40 to +257)
Density	g/cm^3	1.88
Flame rating	UL-94	V-0
Possible Thickness	mm (inch)	0.280 (0.011)



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