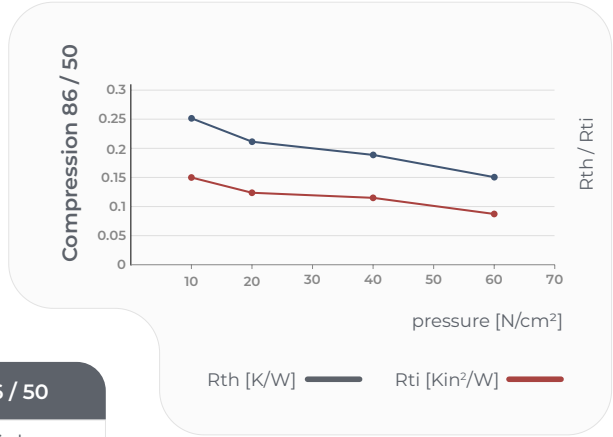


86 / 50 KERATHERM® pink

MHW INTERNATIONAL CORPORATION
A POWERFUL SOLUTION

Benefits

- High thermal conductivity
- Available with adhesive coating
- Reinforcement with fiberglass possible



Properties	Unit	86 / 50
Colour		pink
Thermal Properties*		
Thermal resistance R_{th}	K/W	0.16
Thermal conductivity λ	W/mK	3.5
Electrical Properties*		
Dielectric breakdown voltage $U_{d,AC}$	kV	1.5
Volume resistivity	Ωm	1.3×10^{14}
Dielectric loss factor $\tan\delta$		6.7×10^{-2}
Dielectric constant ϵ_r		2.3
Mechanical Properties		
Hardness	Shore A	70 - 80
Tensile strength	N/mm ²	1.3
Elongation	%	25
Physical Properties		
Application temperature	°C	-60 to +250
Density	g/cm ³	1.97
Flame rating	UL - 94	V - 0
Possible thickness	mm	0.125 - 0.5



Options

Properties	Unit	86 / 51	86 / 52	86 / 53
Film structure		with adh. coating	with fibreglass	with fibreglass and adh. coating
Overall thickness	mm	0.250	0.225	0.250
Tensile strength	N/mm ²	1.3	10.0	10.0
Breakdown voltage $U_{d,ac}$ *	kV	1.5	1.5	1.5
Thermal resistance	K/W	0.26	0.22	0.27

* Measured @ thickness 0.225 mm

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