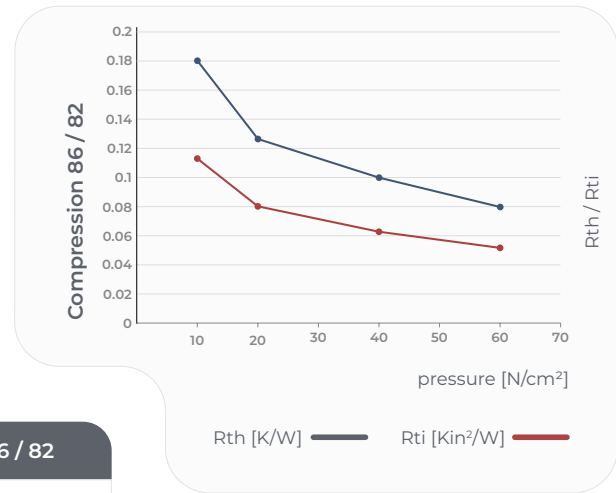


# 86 / 82 KERATHERM® red

MHW INTERNATIONAL CORPORATION  
A POWERFUL SOLUTION

## Benefits

- High thermal conductivity
- High electrical insulating
- Available with adhesive coating



Properties	Unit	86 / 82
Colour		red
Assembly		fibreglass reinforcement
<b>Thermal Properties*</b>		
Thermal resistance $R_{th}$	K/W	0.09
Thermal conductivity $\lambda$	W/mK	6.5
<b>Electrical Properties*</b>		
Dielectric breakdown voltage $U_{d,AC}$	kV	1.0
Volume resistivity	$\Omega m$	$2.0 \times 10^{14}$
Dielectric loss factor $\tan\delta$		$1.4 \times 10^{-3}$
Dielectric constant $\epsilon_r$		2.4
<b>Mechanical Properties</b>		
Hardness	Shore A	60 - 70
Tensile strength	N/mm <sup>2</sup>	13.0
Elongation	%	2
<b>Physical Properties</b>		
Application temperature	°C	-40 to +200
Density	g/cm <sup>3</sup>	1.23
Flame rating	UL-94	V-0
Possible thickness	mm	0.25-0.3

\* Measured @ thickness 0.25mm



✓ Optional available with onside adhesive coating **86/82 K**

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