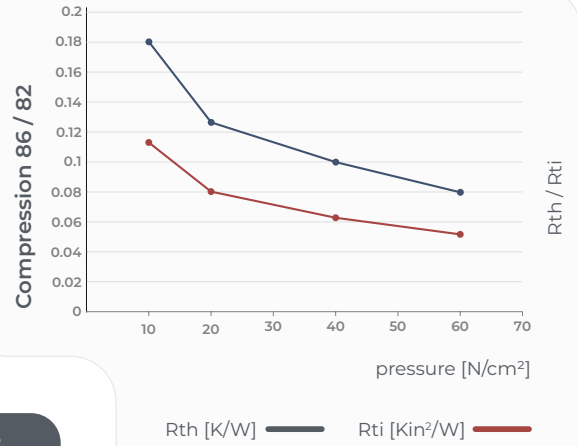


# 86 / 82 KERATHERM® red

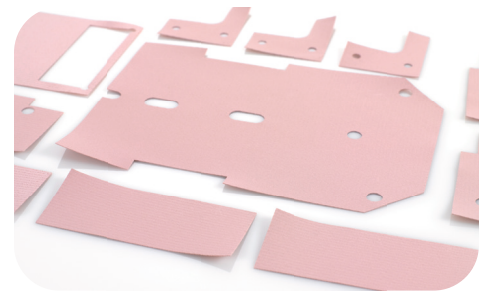
## Benefits

- 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 impedance $R_{ti}$	°Cmm²/W	35
	Kin²/W	0.05
Thermal conductivity $\lambda$	W/mK	6.5
<b>Electrical Properties*</b>		
Dielectric breakdown voltage $U_{di,AC}$	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/mm²	13.0
Elongation	%	2
<b>Physical Properties</b>		
Application temperature	°C	-40 to +200
Density	g/cm³	1.23
Flame rating	UL-94	V-0
Possible thickness	mm	0.25-0.3

\* Measured @ thickness 0.25 mm



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