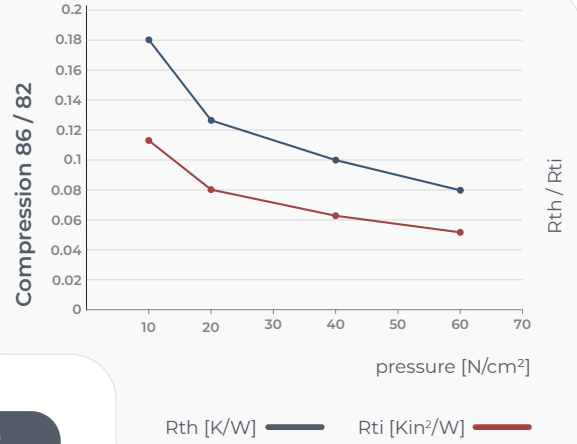


86 / 82 KERATHERM® red

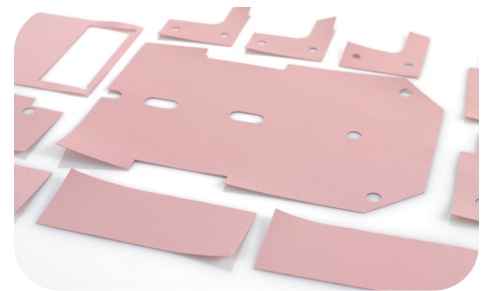
Benefits

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



Properties	Unit	86 / 82
Colour		red
Assembly		fibreglass reinforcement
Thermal Properties*		
Thermal resistance R_{th}	K/W	0.09
Thermal conductivity λ	W/mK	6.5
Electrical Properties*		
Dielectric breakdown voltage $U_{d,AC}$	kV	1.0
Volume resistivity	Ωm	2.0×10^{14}
Dielectric loss factor $\tan\delta$		1.4×10^{-3}
Dielectric constant ϵ_r		2.4
Mechanical Properties		
Hardness	Shore A	60 - 70
Tensile strength	N/mm ²	13.0
Elongation	%	2
Physical Properties		
Application temperature	°C	-40 to +200
Density	g/cm ³	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 **86/82K**