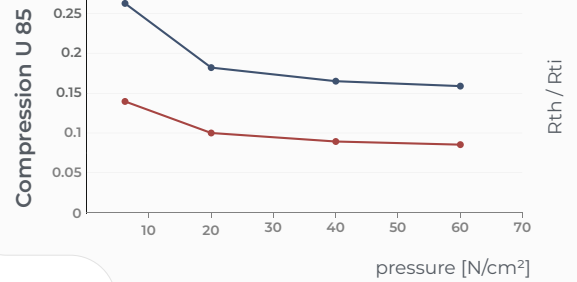


U 85 KERATHERM[®] silicone free Thermal Tape

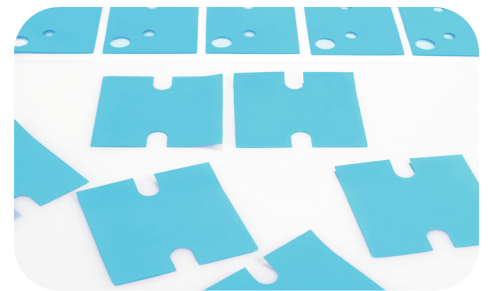
Benefits

- Silicone free (Epoxy)
- High temperature stability
- Good ratio between thermal performance and electrical isolation
- Non sticky, available with adhesive coating



Properties	Unit	U 85
Colour		light blue
Thermal Properties*		
Thermal resistance R_{th}	K/W	0.165
Thermal resistance R_{ti}	$^{\circ}\text{Cmm}^2/\text{W}$	60
	Kin^2/W	0.091
Thermal conductivity λ	W/mK	3.0
Electrical Properties*		
Dielectric breakdown voltage $U_{d,AC}$	kV	6.0
Volume resistivity	Ωm	4.1×10^9
Dielectric loss factor $\tan \delta$		2.6×10^{-2}
Dielectric constant ϵ_r		2.0
Mechanical Properties*		
Hardness	Shore A	70 - 85
Tensile strength	N/mm ²	1.0
Elongation	%	>50
Physical Properties		
Application temperature	$^{\circ}\text{C}$	-40 to +150
Density	g/cm ³	1.44
Flame rating	UL-94	V-0
Possible thickness	mm	0.2

* Measured @ thickness 0.2 mm



✓ Optional available with adhesive coating **U 80K / U 90K**