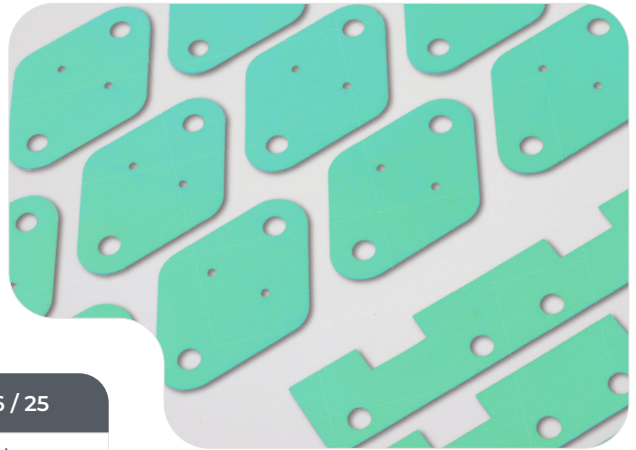


# 86 / 25 KERATHERM®

## PRELIMINARY DATA SHEET

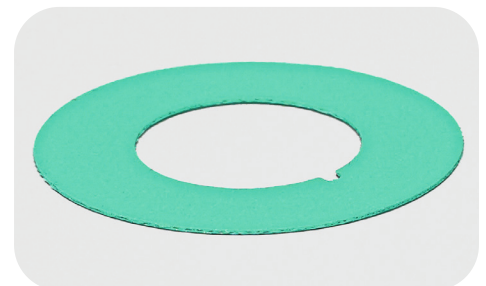
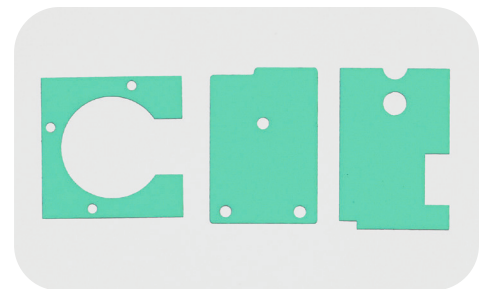
### Benefits

- high thermal conductivity
- high electrical isolation
- easy handling
- optional available with adhesive coating



Properties	Unit	86 / 25
Colour		mint
<b>Thermal Properties*</b>		
Thermal resistance $R_{th}$	K/W	0.225
Thermal conductivity $\lambda$	W/mK	2.5
<b>Electrical Properties*</b>		
Dielectric breakdown voltage $U_{d, AC}$	kV	3.5
Volume resistivity	$\Omega m$	$1,5 \times 10^{11}$
Dielectric loss factor $\tan \delta$		$8 \times 10^{-3}$
Dielectric constant $\epsilon_r$		1,9
<b>Mechanical Properties</b>		
Hardness	Shore A	60 - 75
Tensile strength	N/mm <sup>2</sup>	tbd
Elongation	%	tbd
<b>Physical Properties</b>		
Application temperature	°C	-60 to +200
Density	g/cm <sup>3</sup>	2.37
Possible thickness	mm	0.225

\* Measured @ thickness 0.225 mm



✓ Optional available with  
onside adhesive coating **86/25 K**

## Note

### Disclaimer of Warranties and Limitation of Liability

The specifications provided in this data sheet do not constitute a guarantee or warranty of specific product properties („quality guarantee“). These specifications are derived from our standardized testing procedures conducted under controlled laboratory conditions and are intended to describe the typical properties of the products as expected under standard applications. Variations may occur depending on the specific application. Accordingly, it is the responsibility of the customer to test and evaluate the products for their intended use, and adjustments to the application may be required.

The customer assumes full responsibility for the safety and functionality of their applications in which these products are integrated. Appropriate safety measures must be implemented to prevent bodily injury, fire, or other damages resulting from product defects. The customer is also responsible for ensuring that the design of their application complies with all applicable laws, regulations, codes, and standards.

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