

SPECIFICATION SHEET

**7074761 – thermal interface Gel sheeting**

<b>Properties</b>	<b>Values Metric units</b>
Material	Gel
Self-adhesive	Yes
Colour	Blue
Flame rating	VO UL94
Shelf life	24 months
<b>Electrical</b>	
Dielectric strength	6kV/mm
Dielectric constant at 1kHz	5
Vlume resistivity	10 <sup>12</sup> ohm.cm
Insulation strength	15kV/mm
<b>Mechanical</b>	
Thermal conductivity	4W/(m.K)
Hardness	Shore OO 40
Thermal impedance	<0.28°C-in <sup>2</sup> /W
Specific gravity	2.8g/cm <sup>3</sup>
Weight loss	<1%
Elongation	100%
Tensile strength	19kgf/cm <sup>2</sup>
Density	3.3g/cm <sup>3</sup>
Deflection at 10 psi	3%
Young's modulus	24N/cm <sup>2</sup>
Compression ratio at 1mm, 40psi	40%
Thermal Resistance	0.8W/m.K
Coefficient of thermal expansion	250ppm/K
Dissipation factor at 1000kHz	0.013
Minimum operating temperature	-45°C
Maximum operating temperature	200°C
Compliance / certifications	CE / UR / cUR

**QUALITY ASSURED PRODUCTS WITH FULL TRACEABILITY**

Care should be taken in selecting the most suitable quality for each application.

Advice is available but final responsibility remains with the customer.