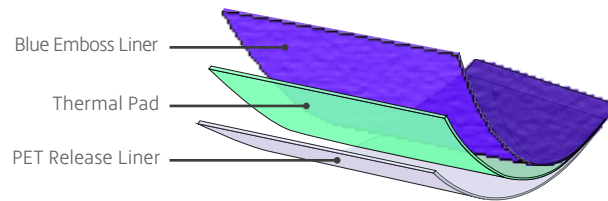


Technical Data Sheet: Z-SR-1000-715

Thermal Conductivity Gasket



Z-SR-1000-715 is thermal pad that can fill the gap between heat source and radiator, quickly transmit heat to radiator, and reduce the temperature of heat source. Due to components will collides and cracks when vibrates, the resilience of thermal pad can protect components, fitting heat source and radiator tightly and preventing deformation of components produced by strong impact or shell removes main device.



Characteristics

- Excellent thermal conductivity: 1.5W /m.K
- High compressibility, soft and elastic, suitable for low pressure environment
- Excellent electrical insulation
- High temperature resistance and electrical insulation
- Flame retardant UL94-V0

Applications

- Suitable for power supply equipment and vehicle battery
- Also for mobile or 5G Network communication equipment
- Suitable for automotive electronic equipment and consumer electronics

Properties

Properties	Z-SR-1000-715	Standard
Colour	Light Green	-
Thickness Range (mm)	0.5 ~ 12.0	ASTM D374
Volume Resistivity ($\Omega \cdot \text{cm}$)	$\geq 1.1 \times 10^{16}$	ASTM D257
Thermal Conductivity (W/mk)	1.5	ASTM D5470
Hardness Shore 00	30	ASTM D2240
Compressive Strength (kV@1mm)	≥ 4.0	ASTM D149
Density (g/cm ³)	2.4	ASTM D792
Use Temperature (°C)	-40 ~ 200	-
Flame Retardant	UL94 V-0	U.L

Remark: Technical Data Sheet reflect the average performance of products based on data from controlled standard testing environments and engineering experience but are not guaranteed. User should independently determine the suitability of this material for their specific purpose, assume all risk and liability associated with such use.