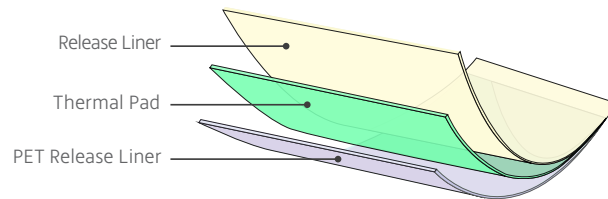


Technical Data Sheet: Z-SR-1000-720

Thermal Conductivity Gasket



Z-SR-1000-720 is thermal pad that can fill the gap between heat source and radiator, quickly transmit heat to radiator, that effectively reduced the temperature of the heat source. During vibrations, components will collide and cracks, therefore the resilience of the thermal pad can protect components. The thermal pad also fit tightly between the heat source and radiator that will prevent damage and deformation of components due to strong rebound impact.



Characteristics

- Excellent thermal conductivity: 2.0W /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-1000-720	Standard
Colour	Light Green	-
Thickness Range (mm)	0.3 ~ 12.0	ASTM D374
Volume Resistivity (Ω .cm)	$\geq 1.1 \times 10^{16}$	ASTM D257
Thermal Conductivity (W/mk)	2.0	ASTM D5470
Hardness Shore 00	50	ASTM D2240
Compressive Strength (kV@1mm)	> 4.0	ASTM D149
Specific Gravity (g/cm ³)	2.65	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.