



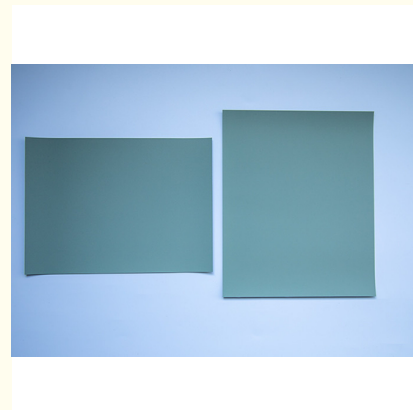
0.5 - 10mm Thickness Thermally Conductive Silicone 3.4 W/mK Thermal Interface Sheet

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: zhonglei
- Minimum Order Quantity: 100 m²
- Packaging Details: carton
- Supply Ability: 10000



Product Specification

- Dielectric Strength: 10 KV/mm
- Chemical Resistance: Excellent
- Color: Grey
- Material: Silicone
- Hardness: 45 Shore A
- Thermal Conductivity: 3.4 W/mK
- Highlight: 10mm Thermally Conductive Silicone 3.4 W/mK,
10mm Thermally Conductive Silicone,
0.5mm Thermal Interface Sheet

Product Description

Product Description:

The Thermally Conductive Material has a hardness rating of 45 Shore A, which makes it a highly durable material that can withstand harsh environmental conditions and resist wear and tear. It has a thickness of 0.5~10mm and a thickness tolerance of ± 0.001 " (± 0.025 mm), which ensures consistency and reliability in performance.

The Dielectric Strength of the Thermally Conductive Material is 4.5 KV/mm, which means that it is an excellent insulator that can protect electronic components from electrical damage. This Thermal Conductive Adhesive is ideal for applications where electrical insulation is required, while also providing efficient heat transfer.

The Thermally Conductive Material can be applied using a dispensing or brushing method, which makes it easy to use and apply in various applications. It can be used in a wide range of industries, such as automotive, electronics, and aerospace, among others.

Overall, the Thermally Conductive Material is a versatile and reliable heat conducting material that offers excellent thermal conductivity and electrical insulation properties. Its durability, consistency, and ease of application make it an ideal choice for various industrial applications where heat dissipation is essential.

Features:

Product Name: Thermally Conductive Material

Material: Silicone

Dielectric Strength: 10 KV/mm

Thickness: 0.5~10mm

Flame Retardant: Yes

This product, also known as Thermal Conduction Material, Thermal Transmission Material, is made of silicone and has a dielectric strength of 4.5 KV/mm. It has a thickness of 0.06 (1.524) and is flame retardant. Its adhesion strength is strong, making it a reliable choice for thermal conduction applications.

Technical Parameters:

Thermal Conductivity Material:	Silicone
Thickness Tolerance:	± 0.001 " (± 0.025 mm)
Dielectric Strength:	10KV/mm
Chemical Resistance:	Excellent
Operating Temperature Range:	-50°C To 200°C
Density:	3.1G / Cbm
Tensile Strength:	48 Psi

Applications:

The Zhonglei Thermally Conductive Material is designed to be a heat conductive substance that is ideal for a wide range of applications. It is a thermally conductive compound that can help to dissipate heat from electronic devices and components, making it an essential product for many industries.

One of the main applications for this product is in the electronics industry. It can be used in the manufacturing of circuit boards, LED lighting, and other electronic devices that generate heat. By using the Zhonglei Thermally Conductive Material, manufacturers can ensure that their products operate at optimal temperatures, which can improve their lifespan and reliability.

The Zhonglei Thermally Conductive Material can also be used in the automotive industry. It is ideal for use in engine components, such as heat sinks and radiators, as well as in electronic systems, such as GPS units and entertainment systems. By using this product, automotive manufacturers can improve the performance and longevity of their products.

Another application for the Zhonglei Thermally Conductive Material is in the aerospace industry. It can be used in the manufacturing of satellites, spacecraft, and other aerospace components that generate heat. By using this product, manufacturers can ensure that their products can withstand the extreme temperatures of space.

In addition, the Zhonglei Thermally Conductive Material can be used in the construction industry. It is ideal for use in insulation materials, roofing materials, and other building components that need to be able to dissipate heat. By using this product, builders can improve the energy efficiency of their buildings, which can lead to lower energy costs.

In conclusion, the Zhonglei Thermally Conductive Material is a versatile product that is essential in a wide range of industries. Whether you are in the electronics, automotive, aerospace, or construction industry, this product can help to improve the performance and longevity of your products. Don't hesitate to try it out and see the difference it can make!

Customization:

Support and Services:

Our Thermally Conductive Material product is designed to provide high thermal conductivity and low thermal resistance in electronic

devices. Our technical support team is available to assist with any product-related questions or issues, including product selection, application guidance, and troubleshooting. Additionally, we offer a range of services to support our customers, including custom material development, prototyping, and testing. Our goal is to ensure that our customers receive the highest level of support and achieve optimal performance from our products.

Packing and Shipping:

Product Packaging:

The Thermally Conductive Material product will be carefully packaged to ensure safe delivery. It will be packed in a sturdy box with protective materials to prevent any damage during shipping.

Shipping:

We offer shipping to all locations within the United States. The Thermally Conductive Material product will be shipped via standard ground shipping unless otherwise specified. Expedited shipping options are available for an additional fee. Please allow 1-3 business days for processing and handling before the product is shipped.

FAQ:

Q: What is the brand name of this thermally conductive material?

A: The brand name of this thermally conductive material is zhonglei.

Q: Where is this thermally conductive material made?

A: This thermally conductive material is made in China.

Q: What are the typical applications of this thermally conductive material?

A: This thermally conductive material is commonly used in electronic devices, such as LED lights, computer processors, and power supplies, to help dissipate heat and prevent overheating.

Q: What is the thermal conductivity of this material?

A: The thermal conductivity of this material is X W/m-K (insert specific value).

Q: Is this material electrically conductive?

A: No, this material is not electrically conductive.



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