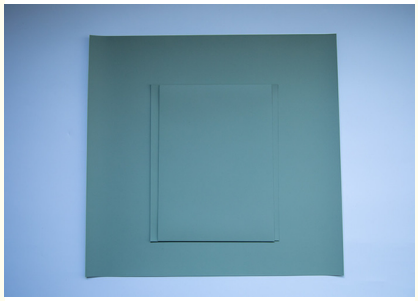
2.0 W/mK Phase Change Thermal Interface Sheet

Our Product Introduction

Basic Information

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



Product Specification

- Operating Temperature Range: -50°C To 200°C
- Hardness: 50 Shore A
- Dielectric Strength: 10 KV/mm
- Thickness: 0.5~10mm
- Flame Retardant: Yes
- Density: 1.8 G / Cbm
- Highlight: **10mm thermal pad sheet**, **2.0 W/mK thermal interface sheet**

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Product Description

Product Description:

With excellent chemical resistance, this Thermally Conductive Material is suitable for various applications. You can use it for electronic devices, LED lighting, automotive and aerospace industries, and more.
This Thermal Transmission Material is easy to apply, and you have two options: Dispensing or Brushing. Whichever method you choose, you can ensure that it will adhere well to the surface and provide excellent thermal conductivity.
Our Heat Conducting Material has a density of 1.8 G/Cbm, which means it is compact and can efficiently conduct heat. Its thickness is 0.5~10mm, making it ideal for thin applications.
Whether you need to dissipate heat in electronic devices or improve the performance of your LED lighting, our Thermally Conductive Material can help you achieve your goals.

Features:

Product Name: Thermally Conductive Material

Dielectric Strength: 10 KV/mm

Operating Temperature Range: -50°C To 200°C

Thickness: 0.5~10mm

Material: Silicone

Hardness: 50 Shore A

This Thermally Conductive Material is a heat conductive substance that is also known as a Thermally Conductive Compound or a Thermal Transmission Material. It has a dielectric strength of 4.5 KV/mm and can operate in a temperature range of -50°C to 200°C. The material is made of silicone and has a hardness of 50 Shore A. The thickness of this product is 0.5~10mm

Technical Parameters:

Thickness Tolerance	±0.001” (±0.025mm)
Hardness	50 Shore A
Density	1.8 G / Cbm
Adhesion Strength	Strong
Operating Temperature Range	-50°C To 200°C
Thickness	0.5~10mm
Dielectric Strength	10KV/mm
Thermal Conductivity	2 W/mK
Tensile Strength	48 Psi

Applications:

The thermal conductivity material from Zhonglei is grey in color and has a thickness of0.5~10mm. It can be cured using either room temperature or heat cure methods, making it suitable for a wide range of applications. With an operating temperature range of -50°C to 200°C, this thermal conductive compound is versatile and can be used in a variety of scenarios where heat management is important.
One of the most common applications for thermal conductive compounds is in the electronics industry. Electronic devices generate a lot of heat, and if that heat is not effectively dissipated, it can cause damage to the device or even pose a safety hazard. By using a heat conductive compound like the one produced by Zhonglei, the heat generated by the device can be efficiently transferred away, keeping the device cool and preventing damage.
Another application for thermal conductive material is in the automotive industry. Cars generate a lot of heat, and effective heat management is critical for both the performance and longevity of the vehicle. By using a thermal conductive compound, automotive manufacturers can ensure that heat is efficiently transferred away from critical components like the engine and transmission, preventing damage and prolonging the life of the vehicle.
Other applications for thermal conductive compounds include aerospace, medical, and industrial applications. In the aerospace industry, for example, thermal management is critical for both safety and performance. By using a thermal conductive compound, aerospace manufacturers can ensure that critical components are kept cool and functioning properly, even in the extreme temperatures of space.
Overall, the thermal conductive material from Zhonglei is an incredibly versatile and useful product that can be used in a wide range of applications where heat management is critical. Its excellent chemical resistance makes it suitable for use in harsh environments, and its ability to efficiently transfer heat makes it an essential component in many industries.

Customization:

At zhonglei, we offer product customization services for our high-quality thermally conductive material. Our product is made of excellent silicone material, making it highly resistant to chemicals and flame retardant. With a temperature range of -50°C to 200°C, our heat conducting material is perfect for various applications.
Our thermal conductivity material has a strong adhesion strength that ensures it stays in place even in high-temperature environments.
We are dedicated to providing customized solutions that meet the unique needs of our clients.
Our heat conducting material is proudly made in China, guaranteeing reliability and quality. Contact us today to learn more about our

product customization services and how we can help you with your thermal management needs.

Support and Services:

Our Thermally Conductive Material product is designed to offer high thermal conductivity and reliable thermal management solutions for a variety of industries and applications. Our team of technical experts is available to provide comprehensive product technical support and services to ensure optimal performance and efficiency.
We offer a range of services, including:
Product selection assistance
Application support
Prototype testing and analysis
Customized solutions
Technical training and education
Post-sales support
Our goal is to ensure that our customers have the knowledge and resources they need to successfully integrate our Thermally Conductive Material product into their projects and achieve optimal results. Contact us today to learn more about our technical support and services.

Packing and Shipping:

Product Packaging:
This thermally conductive material will be packaged in a sturdy cardboard box to ensure safe transportation and delivery. The box will be filled with protective cushioning materials to prevent any damage during shipping.
Shipping:
We offer free shipping for this product within the United States. It will be shipped via standard ground shipping and should arrive within 3-5 business days. For international orders, shipping rates will vary depending on the destination and shipping method chosen by the customer.

FAQ:

A: The brand name of the thermally conductive material is zhonglei .
2. Q: Where is the thermally conductive material made?
A: The thermally conductive material is made in China .
3. Q: What is the thermal conductivity of the zhonglei material?
A: The thermal conductivity of the zhonglei material is 5 W/m*K .
4. Q: Is the zhonglei material electrically conductive?
A: No, the zhonglei material is not electrically conductive.
5. Q: What is the maximum operating temperature of the zhonglei material?
A: The maximum operating temperature of the zhonglei material is 200°C .

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