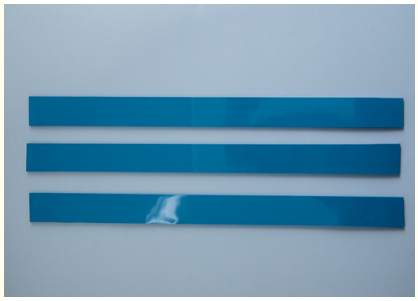
Blue 1.5 W/mk Thermally Conductive Silicone Gasket Composite Silicone Fabric

Our Product Introduction

Basic Information

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



Product Specification

- Material: Silicone
- Thickness Tolerance: ±0.001" (±0.025mm)
- Application Method: Dispensing Or Brushing
- Flame Retardant: Yes
- Hardness: 50 Shore A
- Color: Blue
- Thermal Conductivity: 1.5 W/mK
- Highlight: **1.5 W/mk Thermally Conductive Silicone**, **Composite Thermally Conductive Silicone**, **Blue Composite Silicone Fabric**

Product Description

Product Description:

Thermally Conductive Material

Product Overview

Thermally Conductive Material is a high-performance thermal conducting compound specially designed for various industries. It is known for its excellent chemical resistance, grey color, 50 Shore A hardness, and high thermal conductivity of 1.5 W/mK, making it an ideal choice for thermal insulation and heat dissipation applications.

Key Product Attributes

Operating Temperature Range: -40°C To 200°C

Chemical Resistance: Excellent

Color: Blue

Hardness: 50 Shore A

Thermal Conductivity: 1.5 W/mK

Features and Benefits

Excellent thermal conductivity for efficient heat dissipation

Wide operating temperature range for versatility

High chemical resistance for durability and longevity

Grey color for easy identification and aesthetics

50 Shore A hardness for flexibility and ease of use

Applications

Thermally Conductive Material is suitable for use in various industries, including:

Electronics

Automotive

Aerospace

Telecommunications

Renewable energy

And more

Why Choose Thermally Conductive Material?

Our Thermally Conductive Material is a reliable and high-performance thermal conducting compound that offers numerous advantages over other heat conducting materials, such as:

Efficient Heat Dissipation: With a high thermal conductivity of 1.5 W/mK, our material effectively dissipates heat, preventing overheating and damage to sensitive components.

Versatility: The wide operating temperature range of -40°C to 200°C makes it suitable for use in various applications.

Durability: Our material is highly resistant to chemicals, ensuring long-term performance even in harsh environments.

Easy to Use: With a 50 Shore A hardness, our material is flexible and easy to apply, making it an ideal choice for various industries.

Cost-Effective: Our thermal conductive material offers high performance at a competitive price, making it a cost-effective solution for your thermal management needs.

Get Your Thermally Conductive Material Today

Choose our Thermally Conductive Material for efficient heat dissipation, reliable performance, and cost-effectiveness. Contact us now to learn more or place your order.

Features:

Product Name: Thermally Conductive Material

Dielectric Strength: 10KV/mm

Flame Retardant: Yes

Material: Silicone

Application Method: Dispensing Or Brushing

Adhesion Strength: Strong

Heat Conductive Compound

Thermal Conduction Material

Heat Conductive Compound

Silicone Material

Technical Parameters:

Technical Parameters	Values
Product Name	Thermally Conductive Material
Thermal Conductivity	1.5 W/mK

Curing Method	Room Temperature Or Heat Cure
Flame Retardant	Yes
Thickness Tolerance	±0.001” (±0.025mm)
Application Method	Dispensing Or Brushing
Dielectric Strength	10 KV/mm
Material	Silicone
Tensile Strength	48 Psi
Density	1.73 G / Cbm
Adhesion Strength	Strong
Key Features	Thermal Conductive Adhesive Heat Conductive Substance Thermal Transmission Material Thermal Conductive Silicone

Applications:

Thermally Conductive Material - Revolutionizing Heat Transfer

The Thermally Conductive Material is a revolutionary product that is designed to enhance heat transfer in various applications. It is a thermal conductive putty that is made from high-quality silicone material. This heat conductive compound boasts of high thermal conductivity and is a perfect solution for industries where efficient heat dissipation is crucial.

Product Attributes

Tensile Strength: 48 Psi

Color: Blue

Material: Silicone

Dielectric Strength: 10 KV/mm

Thickness Tolerance: ±0.001" (±0.025mm)

Applications and Scenarios

The Thermally Conductive Material has a wide range of applications and can be used in various scenarios where efficient heat transfer is required. Some of the common applications include:

Electronic Devices: With the increasing use of high-powered electronic devices, the need for effective heat dissipation is also rising. The Thermally Conductive Material is an ideal solution for cooling electronic devices such as laptops, computers, smartphones, and more. It can be applied as a thin layer between the heat source and the heat sink, effectively dissipating the heat and preventing overheating.

LED Lighting: LED lights tend to generate a significant amount of heat, which affects their performance and lifespan. By using the Thermally Conductive Material, the heat can be efficiently transferred away from the LED, ensuring optimal performance and longevity.

Automotive Industry: The automotive industry also benefits greatly from the use of the Thermally Conductive Material. It can be applied to various components such as engines, transmission systems, and more, helping to dissipate heat and prevent overheating.

Solar Panels: Solar panels generate a lot of heat while converting sunlight into electricity. This heat can affect the efficiency of the panels. By using the Thermally Conductive Material, the heat can be effectively dissipated, ensuring optimal performance and extending the lifespan of the panels.

Why Choose the Thermally Conductive Material?

There are several reasons why the Thermally Conductive Material is the preferred choice for various industries and applications:

High Thermal Conductivity: The Thermally Conductive Material boasts of high thermal conductivity, ensuring efficient heat transfer and dissipation.

Easy to Apply: The heat conductive compound comes in a putty form, making it easy to apply on various surfaces.

Excellent Adhesion: The Thermally Conductive Material has excellent adhesion properties, ensuring a strong bond between the heat source and the heat sink.

Durable: Made from high-quality silicone material, the Thermally Conductive Material is highly durable and can withstand extreme temperatures and harsh environments.

Cost-Effective: By effectively transferring heat, the Thermally Conductive Material helps to prevent overheating, reducing the risk of damage and costly repairs.

In Conclusion

The Thermally Conductive Material is a game-changer in the field of heat transfer. With its high thermal conductivity, easy application, and durability, it is a must-have for industries and applications where efficient heat dissipation is crucial. Choose the Thermally Conductive Material and experience the difference in heat transfer and performance.

Customization:

Customization Service for Thermally Conductive Material

Curing Method: Room Temperature or Heat Cure

Color: Blue

Operating Temperature Range: -40°C to 200°C

Density: 1.73 g/cm ^{3}

Chemical Resistance: Excellent

Our Thermally Conductive Material is a high-quality heat conducting material that can efficiently transfer heat from one surface to another.

It is a versatile heat conductive compound that can be used in various applications, providing excellent thermal conductivity and stability. Our Thermal Conductive Putty is a popular choice for its ease of use and reliable performance. It can be cured at room temperature or with heat, making it suitable for a wide range of production processes. The grey color of our product allows for easy identification and monitoring of application areas.
With an operating temperature range of -40°C to 200°C, our Thermally Conductive Material can withstand extreme temperatures without compromising its performance. Its density of 1.73 g/cm ^{3} ensures a solid and durable bond between surfaces, providing effective heat transfer.
In addition to its excellent thermal conductivity, our product also boasts excellent chemical resistance. This makes it suitable for use in various environments and applications, ensuring its reliability and longevity.
Choose our Thermally Conductive Material for your heat transfer needs and experience the benefits of our customizable service. We can tailor our product to meet your specific requirements, providing you with a solution that best fits your application. Contact us now to learn more about our customized options and place your order.

Packing and Shipping:

Packaging and Shipping

Packaging

Thermally Conductive Material is carefully packaged to ensure its safe delivery to our customers. Each container is sealed to prevent any contamination of the product. The material is also securely packed to prevent any damage during transportation.
The packaging materials used are chosen to provide the necessary protection for the product while also being environmentally friendly. We strive to reduce our carbon footprint and use recyclable and biodegradable materials whenever possible.
Shipping

We offer various shipping options to accommodate our customers' needs. Our standard shipping method is via air or sea freight, depending on the quantity and destination of the order. We also offer expedited shipping for urgent orders.
To ensure the timely delivery of our products, we work with reliable and experienced shipping companies. We also provide tracking information for our customers to track their orders and know the estimated delivery date.
Please note that additional shipping charges may apply for international orders and for expedited shipping methods. Our customer service team will be happy to assist you with any shipping inquiries or concerns.

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