8W/mK Ultra Soft Thermal Conductivity Silicone Gap Filler Pad

Our Product Introduction

Basic Information

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

Product Specification

- Dielectric Strength: 8 KV/mm
- Adhesion Strength: Strong
- Curing Method: Room Temperature Or Heat Cure
- Density: 3 G / Cbm
- Thermal Conductivity: 8 W/mK
- Tensile Strength: 48 Psi
- Material: Silicone
- Flame Retardant: Yes
- Highlight: **8W/mK thermal conductivity silicone**, **soft thermal conductivity material**

Product Description

Product Description:

This Thermal Conductive Putty is formulated with high-quality silicone materials that offer excellent adhesion strength, ensuring that it stays in place and does not move or slip under extreme conditions. This Thermal Conductive Adhesive is available in different colors, including grey, yellow, and red, making it easy to match with your specific application requirements.
Our Thermally Conductive Silicone has a thickness of 5mm, making it an ideal choice for applications that require a thin layer of thermal conductive material for effective heat transfer. Additionally, its hardness of 50 Shore A ensures that it can withstand high pressure and vibrations without cracking or breaking.
Furthermore, our Thermally Conductive Silicone has a dielectric strength of 8 KV/mm, making it suitable for use in electrical applications where insulation is crucial. It is also resistant to moisture, chemicals, and UV radiation, making it a durable and long-lasting solution for your thermal management needs.
Whether you need to improve the cooling performance of your electronic devices, enhance the thermal conductivity of your heat sinks, or boost the efficiency of your industrial equipment, our Thermally Conductive Silicone is an excellent choice. With its high-quality formulation, strong adhesion, and superior thermal conductivity, it is the perfect solution for your thermal management needs.

Features:

Product Name: Thermally Conductive Silicone
Tensile Strength: 10 Psi
Adhesion Strength: Strong
Thickness: 5mm
Application Method: Dispensing Or Brushing
Material: Silicone
Heat Conductive Compound
Thermal Conduction Material
Thermal Conductive Compound

Technical Parameters:

Hardness	50 Shore A
Flame Retardant	Yes
Adhesion Strength	Strong
Thickness	5mm
Color	Grey/Yellow/Red
Operating Temperature Range	-40°C To 200°C
Density	2 G / Cbm
Thickness Tolerance	±0.001” (±0.025mm)
Dielectric Strength	8 KV/mm
Tensile Strength	10Psi

This product is a Thermal Transmission Material, Heat Conductive Substance, and Heat Conducting Material.

Applications:

Thermal conductive putty is an excellent heat conductive compound that is perfect for use in electronic devices. The compound is designed to transfer heat from one surface to another, making it ideal for use in heat sinks, power supplies, and other electronic components. It is a great solution for dissipating heat and ensuring that your electronic devices stay cool and functioning optimally.
One of the most common applications of thermal conductive putty is in the manufacturing of electronic devices. The putty is applied to the components during the manufacturing process to ensure that the heat generated by the components is dissipated efficiently. This helps to prevent overheating and ensures that the device operates smoothly and reliably.
Thermal conductive putty is also used in the automotive industry. It is applied to components such as engines, exhaust systems, and transmissions to help dissipate heat and prevent damage to these critical components. The putty is an excellent solution for high-temperature environments, making it ideal for use in cars and other vehicles that generate a lot of heat.
Another application of thermal conductive putty is in the construction industry. The putty is used to help transfer heat from pipes and other components to the surrounding environment. This helps to prevent damage to the components and ensures that the building remains at a comfortable temperature.
In conclusion, Zhonglei thermal conductive putty is an excellent heat conductive compound that is perfect for use in various applications. Its hardness of 50 Shore A makes it easy to apply, and its operating temperature range of -40°C to 200°C makes it ideal for use in high-temperature environments. Whether you are in the manufacturing, automotive, or construction industry, thermal conductive putty is an excellent solution for dissipating heat and ensuring that your devices operate smoothly and reliably.

Customization:

At zhonglei, we offer product customization services for our high-quality thermally conductive silicone, which is a superior thermally conductive compound and thermal transmission material for a wide range of applications. Our thermally conductive silicone is made in China and boasts excellent chemical resistance, making it ideal for use in harsh environments. Additionally, our thermally conductive silicone has a thermal conductivity of 8 W/mK and a dielectric strength of 8 KV/mm, making it a reliable and efficient thermal transmission material. Our product customization services allow you to tailor our thermally conductive silicone to your specific application needs, ensuring optimal performance and longevity. Our thermally conductive silicone is also flame retardant and has an impressive operating temperature range of -40°C to 200°C, making it suitable for use in a wide variety of industries. Contact us today to learn more about our product customization services for our thermally conductive silicone.

Support and Services:

Our Thermally Conductive Silicone product is designed to provide superior thermal performance and reliability in a variety of applications. Our team of technical experts is available to provide support and services to ensure that our product meets your specific needs.
Our services include:

Product selection guidance

Custom formulations to meet specific requirements

Technical support for application development and testing

Product performance testing and analysis

Product data sheets and technical information

Contact us today to learn more about our Thermally Conductive Silicone product and how we can assist you with your thermal management needs.

Packing and Shipping:

Product Packaging:
The thermally conductive silicone product will be packaged in a sealed plastic bag to protect it from moisture and other contaminants. The bag will then be placed in a sturdy cardboard box with padding to prevent damage during shipping.
Shipping:
The product will be shipped via standard ground shipping unless otherwise specified. Shipping costs will be calculated based on the destination and weight of the package. Customers can expect to receive their orders within 3-5 business days from the date of shipment.

FAQ:

Here are some frequently asked questions and answers regarding our Thermally Conductive Silicone:
Q: What is the brand name of the Thermally Conductive Silicone?
A: The brand name is zhonglei .
Q: Where is the Thermally Conductive Silicone manufactured?
A: It is manufactured in China .
Q: What is the thermal conductivity of the silicone?
A: The thermal conductivity is typically 8W/m-K .
Q: What is the maximum operating temperature of the Thermally Conductive Silicone?
A: The maximum operating temperature is typically 200°C .
Q: Is the silicone electrically conductive?
A: No, it is not electrically conductive. It is designed to provide thermal conductivity only.

Shanghai Zhonglei Electric Material Co., Ltd.

+8615702120966 forwardyu@163.com siliconerubber-product.com

No. 66, Lane 1098, Shengli Road, Qingpu District, Shanghai