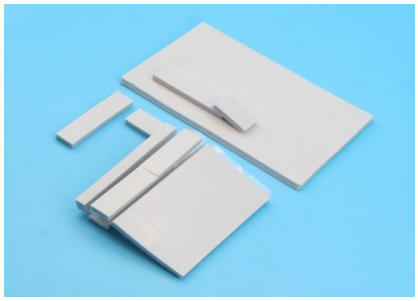
Ultra Soft Thermally Conductive Silicone Gap Filler Pad 12 W/mK

Our Product Introduction

Basic Information

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



Product Specification

- Density: 4 G / Cbm
- Chemical Resistance: Excellent
- Curing Method: Room Temperature Or Heat Cure
- Material: Silicone
- Dielectric Strength: 10KV/mm
- Thermal Conductivity: 12W/mK
- Hardness: 50 Shore A
- Thickness: 10mm
- Highlight: **Ultra Soft Thermally Conductive Silicone**, **Thermally Conductive Silicone 12 W/mK**

Product Description

Product Description:

With a thickness of 12mm and a density of 4 G / Cbm, our Thermally Conductive Silicone is designed to provide excellent chemical resistance, ensuring that it can withstand a wide variety of harsh chemicals and corrosive substances. This makes it the perfect choice for use in industrial and manufacturing settings where chemicals are commonly used.
But that's not all - our Thermally Conductive Silicone is also incredibly strong, with adhesion strength that is second to none. This means that it can easily be applied to a wide range of surfaces and materials, providing a secure and reliable bond that will stand the test of time.
But perhaps the most impressive feature of our Thermally Conductive Silicone is its thermal conductivity - with a rating of 1.5 W/mK, it is one of the most heat conductive compounds on the market today. This means that it is able to quickly and efficiently transfer heat away from critical components, helping to prevent overheating and prolonging the lifespan of your equipment.
So if you're looking for a high-quality thermal conductivity material that can help to manage heat and protect your equipment, look no further than our Thermally Conductive Silicone. With its excellent chemical resistance, strong adhesion, and impressive thermal conductivity, it is the perfect choice for any industrial or manufacturing application where heat management is a top priority.

Features:

Product Name: Thermally Conductive Silicone
Tensile Strength: 48 Psi
Material: Silicone
Thermal Conductivity: 12 W/mK
Curing Method: Room Temperature Or Heat Cure
Hardness: 50 Shore A
Keywords: Thermal Conduction Material, Thermal Transmission Material, Thermal Conductivity Material

Technical Parameters:

Thermal Transmission Material:	Silicone
Thermal Conductive Putty:	12 W/mK
Heat Conductive Compound:	10mm
Operating Temperature Range:	-40°C To 200°C
Color:	Grey/Yellow/Red
Dielectric Strength:	10 KV/mm
Tensile Strength:	48 Psi
Application Method:	Dispensing Or Brushing
Chemical Resistance:	Excellent
Hardness:	50 Shore A

Applications:

One of the most common applications of this thermally conductive compound is in the electronics industry. With the increasing power density of electronic devices, it has become essential to find a reliable thermal conductivity material that can effectively dissipate heat. Our product is an ideal choice for electronic components such as CPUs, GPUs, power supplies, and LED lights.
Another application of this product is in the automotive industry. With the growing trend of electric vehicles, thermal management has become a crucial aspect of vehicle design. Our thermally conductive compound can be used to improve the thermal performance of battery packs, electric motors, and other critical components in an electric vehicle.
The construction industry can also benefit from the use of this product. It can be used as a thermal interface material between building components such as windows, doors, and walls. This can help improve the energy efficiency of buildings by reducing heat transfer and lowering energy consumption.
Our product is also flame retardant, making it an ideal choice for applications that require high levels of safety. With a tensile strength of 48 psi and a thickness tolerance of ±0.001” (±0.025mm), it offers excellent mechanical stability and can withstand harsh operating conditions.
In summary, the Thermally Conductive Silicone product from zhonglei is a versatile material that can be used in a wide range of applications. Whether you're in the electronics, automotive, or construction industry, this product can help improve the thermal management of your components and systems. So, if you're looking for a reliable and efficient thermally conductive compound, look no further than zhonglei.

Customization:

Support and Services:

Our Thermally Conductive Silicone product is designed to provide superior thermal management properties for electronic devices. It has excellent thermal conductivity, allowing for efficient heat dissipation and preventing overheating of electronic components. The silicone material also offers high flexibility and ease of use, making it suitable for a wide range of applications.
In addition to our high-quality product, we also offer technical support and services to ensure that our customers are able to maximize the benefits of our Thermally Conductive Silicone. Our team of experts can provide guidance on product selection, application techniques, and troubleshooting. We also offer customized solutions to meet specific customer requirements.
With our commitment to quality and customer satisfaction, you can trust our Thermally Conductive Silicone product and services to meet your thermal management needs.

Packing and Shipping:

Product Packaging:
The Thermally Conductive Silicone product is packaged in a sturdy and durable container that protects it from damage during transport. The container is made from high-quality materials that are resistant to impact and temperature changes, ensuring that the product arrives in perfect condition. The container is also designed to be easy to open and close, making it simple and convenient to access the product.
Shipping:
The Thermally Conductive Silicone product is shipped using a reliable and efficient courier service that ensures timely delivery of the product. The product is packaged securely to prevent any damage during transit, and tracking information is provided to the customer so that they can monitor the progress of their shipment. Shipping costs are calculated based on the destination and weight of the product, and customers can choose from a range of shipping options to suit their needs.

FAQ:

Q: What is the brand name of this thermally conductive silicone product?
A: The brand name of this product is **zhonglei** .
Q: Where is this thermally conductive silicone product manufactured?
A: This product is **made in China** .
Q: What are the key features of this thermally conductive silicone product?
A: This product is a high-performance, thermally conductive silicone that offers excellent thermal conductivity and electrical insulation properties. It is also easy to apply and has excellent adhesion to a wide range of substrates.
Q: What applications is this thermally conductive silicone product suitable for?
A: This product is suitable for a wide range of applications, including electronic components, automotive electronics, LED lighting, power supplies, and more.
Q: Is this thermally conductive silicone product environmentally friendly?
A: Yes, this product is formulated to be environmentally friendly and free of harmful substances.

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