



10W/mK Ultra Soft Thermal Conductivity Silicone Gap Filler Pad

Our Product Introduction

more products please visit us on siliconerubber-product.com

Basic Information

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



Product Specification

- Thermal Conductivity: 10 W/mK
- Tensile Strength: 48 Psi
- Adhesion Strength: Strong
- Chemical Resistance: Excellent
- Material: Silicone
- Density: 4 G / Cbm
- Thickness: 8mm
- Thickness Tolerance: $\pm 0.001''$ ($\pm 0.025\text{mm}$)
- Highlight: **10W/mK thermal conductivity silicone, ultra soft thermal conductivity material**

Product Description

Product Description:

One of the key features of this thermal conductive compound is its exceptional thermal conductivity, which allows it to efficiently transfer heat away from sensitive components and electronics. This makes it an excellent choice for applications where heat dissipation is critical, such as in automotive, aerospace, and industrial applications.

The Thermally Conductive Silicone is also known for its high tensile strength of 48 Psi, which ensures that it can withstand the stresses and strains of daily use without failing or degrading. Additionally, its 50 Shore A hardness rating ensures that it is durable enough to withstand the rigors of harsh industrial environments, making it an ideal choice for use in a wide range of applications.

Overall, if you are looking for a reliable and high-performance thermal conductive putty that can efficiently transfer heat away from sensitive components and electronics, the Thermally Conductive Silicone is an excellent choice. With its strong adhesion strength, precise thickness tolerance, and exceptional thermal conductivity, it is the perfect choice for use in a wide range of industrial and commercial applications.

Features:

Product Name: Thermally Conductive Silicone

Color: Grey/Yellow/Red

Adhesion Strength: Strong

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

Application Method: Dispensing Or Brushing

Tensile Strength: 48 Psi

Keywords: Thermal Transmission Material, Heat Conductive Compound, Thermally Conductive Compound

Technical Parameters:

| | |
|--------------------------------|-------------------------------|
| Thermal Transmission Material: | Silicone |
| Heat Conductive Compound: | Thermal Conductivity: 10 W/mK |
| Curing Method: | Room Temperature Or Heat Cure |
| Chemical Resistance: | Excellent |
| Thickness: | 8mm |
| Application Method: | Dispensing Or Brushing |
| Dielectric Strength: | 10KV/mm |
| Density: | 4 G / Cbm |
| Hardness: | 50 Shore A |
| Flame Retardant: | Yes |

Applications:

One of the key benefits of this thermal conductivity material is its excellent chemical resistance, making it a great choice for use in harsh environments where other materials may fail. It can be applied using either dispensing or brushing methods, giving you flexibility in how you use it. And with both room temperature and heat cure options available, you can choose the curing method that works best for your application.

So where can you use this Thermally Conductive Silicone product? Here are just a few examples:

Electronic Components: Heat dissipation is critical for electronic components, and this heat conductive substance can help ensure that your components stay cool and functioning properly.

LED Lighting: LED lighting generates a lot of heat, and this heat conductive compound can help dissipate that heat, prolonging the life of your lighting fixtures.

Solar Panels: Solar panels need to be able to absorb and dissipate heat in order to function optimally, and this thermal conductivity material can help with both of those functions.

Automotive Applications: From engine components to power electronics, this Thermally Conductive Silicone product can help keep things cool and functioning properly in your vehicle.

No matter where you need to dissipate heat, the Thermally Conductive Silicone product from zhonglei can help. With its excellent thermal conductivity, chemical resistance, and versatility in application and curing methods, it's a top choice for anyone who needs a reliable and efficient heat conductive compound.

Customization:

Support and Services:

The Thermally Conductive Silicone product comes with comprehensive technical support and services to ensure its optimal performance and longevity. Our team of experts is available to provide assistance with product selection, application design, and troubleshooting during the product's lifespan. We also offer testing and analysis services to verify the product's performance under specific conditions and to ensure compliance with industry standards. Additionally, we provide training and educational materials to help our customers use the product effectively and safely.

Packing and Shipping:

Product Packaging:

The Thermally Conductive Silicone product will be packaged in a sealed, air-tight container to ensure that it remains in good condition during shipment. The container will be clearly labeled with the product name, quantity, and any necessary safety warnings. It will also include a material safety data sheet (MSDS) for reference.

Shipping:

The Thermally Conductive Silicone product will be shipped via ground transportation to minimize the risk of damage during transit. It will be packaged securely in a sturdy cardboard box with appropriate cushioning materials to prevent any movement or impact. The box will also be clearly labeled with the product name, quantity, and any necessary safety warnings.

FAQ:

A: The brand name of this product is **zhonglei**.

2. Q: Where is the thermally conductive silicone product manufactured?

A: This product is manufactured in **China**.

3. Q: What are the thermal conductivity properties of this silicone product?

A: This silicone product has excellent thermal conductivity properties, with a thermal conductivity rating of **10 W/m-K**.

4. Q: What is the temperature range for this thermally conductive silicone product?

A: This product can withstand temperatures ranging from **-50°C to 200°C**.

5. Q: What is the shelf life of this silicone product?

A: This silicone product has a shelf life of **12 months** when stored in a cool and dry environment.



Shanghai Zhonglei Electric Material Co., Ltd.



+8615702120966



forwardyu@163.com



siliconerubber-product.com

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