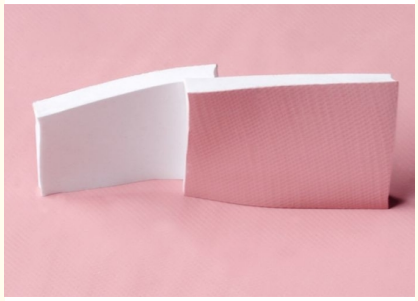
7.0 W/mK Pink Ultra Soft Thermal Conductivity Silicone Gap Filler Pad

Our Product Introduction

Basic Information

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



Product Specification

- Thermal Conductivity: 7 W/mK
- Thickness: 0.5~5mm
- Color: Grey/Yellow/Red
- Dielectric Strength: 7.5 KV/mm
- Adhesion Strength: Strong
- Highlight: **7.0 W/mK thermal conductivity silicone**, **Pink thermal conductivity material**, **7.0 w/mk thermal conductivity material**

Product Description

Product Description:

This product boasts of a dielectric strength of 7.5KV/mm, making it an excellent insulator that can withstand high voltage and electrical stress. It also has a strong adhesion strength, which ensures that it adheres well to different surfaces without peeling off easily.
One of the key features of this product is its excellent chemical resistance, which makes it resistant to different chemicals and solvents. This feature ensures that the product remains stable and durable even when exposed to harsh chemicals and environments.
The Thermally Conductive Silicone product is also flame retardant, which means that it is resistant to fire and can withstand high temperatures without catching fire. This feature makes it ideal for use in high-temperature applications where fire safety is critical.
The product has a density of 3 G / Cbm, which is an essential property that makes it easy to work with. The density ensures that the product can be easily molded into different shapes and sizes, making it ideal for use in various applications.
Overall, the Thermally Conductive Silicone product is a versatile and efficient heat conducting material that offers excellent thermal conductivity properties. Its dielectric strength, strong adhesion strength, excellent chemical resistance, flame retardancy, and density make it an ideal material for use in various applications where efficient heat management is crucial.

Features:

Product Name: Thermally Conductive Silicone

Density: 3 G / Cbm

Operating Temperature Range: -40°C To 150°C

Chemical Resistance: Excellent

Thickness: 0.5~5mm

This product is a high-quality thermal conduction material, also known as a heat conducting material or heat conductive compound. Its excellent density and tensile strength, along with a wide operating temperature range, make it a superior choice for a variety of applications. Additionally, this product boasts excellent chemical resistance and a thin thickness of 0.5~5mm making it a versatile and reliable choice for all your thermal conduction needs.

Technical Parameters:

Parameter	Value
Chemical Resistance	Excellent
Color	Grey/Yellow/Red
Hardness	25Shore A
Operating Temperature Range	-40°C to 150°C
Dielectric Strength	7.5 KV/mm
Density	3 G/Cbm
Thickness Tolerance	±0.001" (±0.025mm)
Material	Silicone
Flame Retardant	Yes
Application Method	Dispensing or Brushing

This product can also be referred to as a Heat Conductive Compound, Heat Conductive Substance, or Heat Conducting Material.

Applications:

One of the key benefits of this product is its curing method. It can be cured at room temperature or with heat, making it a versatile option for a range of different industries. Additionally, it can be applied using either dispensing or brushing methods, depending on the specific application requirements.
As a silicone-based product, it offers excellent dielectric strength, with a rating of 7.5KV/mm. This makes it perfect for use in electrical and electronic applications, where safety and reliability are top priorities.
So where can the Thermally Conductive Silicone product be used? The answer is, just about anywhere! It is ideal for use in applications where there is a need for effective heat transfer, such as in the automotive industry for engine cooling systems or in the computer industry for heat sinks and GPU cooling.
Other potential applications for this product include LED lighting, where it can help to dissipate heat and extend the lifespan of the bulbs. It can also be used in the medical industry for devices where temperature control is important, such as in MRI machines or in diagnostic equipment.
In summary, the Thermally Conductive Silicone product from zhonglei is a highly effective thermally conductive compound that can be used in a wide range of applications. With its versatile curing and application methods, as well as its excellent dielectric strength, it is a reliable and effective option for a range of different industries.

Customization:

Customize your zhonglei thermally conductive silicone product today with our product customization services! Our heat conductive compound is the perfect solution for your thermal management needs, whether you need a heat conducting material or thermal conductive putty.
Our thermally conductive silicone product is proudly made in China, ensuring high quality and affordable prices. With excellent chemical resistance, a thickness of 0.5~5mm, a hardness of 50 Shore A, and a density of7.5 G / Cbm, our product is the perfect choice for your project.
Our product is also designed to operate in a wide temperature range, from -40°C to 150°C, making it suitable for a variety of applications. With our customization services, you can tailor our thermally conductive silicone product to meet your specific needs and requirements.

Support and Services:

Our Thermally Conductive Silicone product is designed to provide high thermal conductivity while maintaining excellent electrical insulation properties. Our team of technical experts is available to provide support and assistance with any questions or issues that may arise during product selection, installation, or use. We also offer a range of services, including testing and analysis, to ensure optimal performance and reliability. Contact us for more information on how we can help you with your thermally conductive silicone needs.

Packing and Shipping:

Product Packaging:
The thermally conductive silicone product will be packaged in a sealed, air-tight container to prevent any moisture from entering.
The container will be labeled with the product name, description, batch number, and expiration date.
The container will be placed in a sturdy cardboard box with appropriate cushioning materials to prevent any damage during transportation.
Shipping:
The product will be shipped via standard ground shipping unless otherwise specified.
The shipping address and contact information will be confirmed prior to shipment.
The package will be tracked and delivery confirmation will be provided to the customer.
If any issues arise during shipping, the customer will be notified promptly and a solution will be provided.

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 product manufactured?
A: This product is manufactured in China.
Q: What makes this silicone product thermally conductive?
A: This silicone product is filled with thermally conductive ceramic particles, which allows it to transfer heat more efficiently.
Q: Can this product be used for electronic devices?
A: Yes, this product is suitable for electronic devices as it provides excellent thermal conductivity and insulation properties.
Q: Is this silicone product durable?
A: Yes, this silicone product is highly durable and can withstand harsh environments and extreme temperatures.

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