Flame Retardant Silicone Sponge Foam 0.3 - 0.8g/Cm3 Density For Battery Packs

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: zhonglei
- Minimum Order Quantity: 300 m²
- Packaging Details: carton

Product Specification

- Temperature Performance: -60~+200℃
- Uv Resistance: Excellent
- Use: Gasket Damping Sealing
- Flame Retardant: Yes
- Elasticity: High
- Base Material: Silicone
- Advantage: Flexible And Strong Resilience
- Density: 0.3-0.8g/cm3
- Highlight: **Silicone Sponge Foam 0.8g/Cm3**, **Flame Retardant Silicone Sponge Foam**

Product Description

Product Description:

Silicone Sponge Foam - Your Ultimate Solution for High Quality Sealing and Gasketing Needs

Silicone Sponge Foam is a high performance product designed to meet the diverse sealing and gasketing needs of various industries. Made from premium quality silicone foam rubber, this product offers exceptional durability and reliability, making it the top choice for many professionals and companies.
Design Printing: No Printing

Silicone Sponge Foam is available in a plain design without any printing, ensuring a clean and professional finish for your projects. This makes it perfect for use in industries where a minimalistic and sleek design is preferred, such as electronics, automotive, and aerospace.
UV Resistance: Excellent

One of the key features of Silicone Sponge Foam is its excellent UV resistance. This means that the product can withstand prolonged exposure to sunlight and other UV rays without any degradation or damage. This makes it ideal for outdoor applications where exposure to UV radiation is inevitable.
Temperature Performance: -60~+200°C

Silicone Sponge Foam offers a wide temperature range of -60~+200°C, making it suitable for use in extreme environments. From freezing cold temperatures to high heat, this product maintains its structural and sealing integrity, ensuring reliable performance at all times.
Use: MASKING

With its excellent sealing and gasketing properties, Silicone Sponge Foam is the perfect solution for masking applications. It can be used to create a tight and secure seal around various surfaces, protecting them from dust, dirt, and other contaminants. This makes it an essential product for industries such as painting, powder coating, and plating.
Flame Retardant: Yes

Safety is a top priority for any industry, and Silicone Sponge Foam offers just that with its flame retardant properties. This product has been tested and proven to be highly resistant to flames, making it a reliable choice for use in industries where fire hazards are present.
Get Your Silicone Sponge Foam Today

In conclusion, Silicone Sponge Foam is a top-of-the-line product that offers a winning combination of high quality, durability, and performance. Whether you need it for masking, sealing, or gasketing, this product will exceed your expectations and deliver exceptional results. So why wait? Get your Silicone Sponge Foam today and experience the difference it can make in your projects.

Features:

Product Name: Silicone Sponge Foam
Temperature Performance: -60~+200°C
Elasticity: High
Design Printing: No Printing
Flame Retardant: Yes
Chemical Resistance: Good
Material: Silicone Rubber Sponge Foam
High Temperature Resistance: -60~+200°C
Excellent Elasticity for Cushioning and Shock Absorption
Non-printed Design for a Clean and Professional Look
Flame Retardant Properties for Added Safety
Good Chemical Resistance to a Wide Range of Substances

Technical Parameters:

Attribute	Value
Product Name	Silicone Sponge Seal
Silicone Foam Sheet	Width: Customized
Silicone Foam Gasket	Material: Silicone
Chemical Resistance	Good
Samples	Freely Provided
Adhesive Side	Double Sided
Elasticity	High
Temperature Performance	-60~+200°C
Base Material	Silicone
Use	Sealing Damping Gasket
Design Printing	No Printing

Applications:

Silicone Sponge Foam for Sealing

Silicone Sponge Foam is a unique product that is widely used in various industries due to its excellent properties. As its name suggests, it is made of silicone, a synthetic material known for its flexibility and strong resilience. The unique structure of Silicone Sponge Foam makes it a highly versatile material that can be used in a variety of applications. In this article, we will focus on its use as a MASKING material.

What is Silicone Sponge Foam?

Silicone Sponge Foam is a type of silicone rubber that has been specially formulated to have a sponge-like structure. This structure is created by introducing air into the silicone during the manufacturing process, resulting in a material that is lightweight, flexible, and compressible. The foam is then cured, creating a strong and durable material that can withstand a wide range of temperatures and environmental conditions.

Silicone Sponge Foam for MASKING

One of the main uses of Silicone Sponge Foam is as a MASKING material. MASKING is the process of covering or protecting a surface or object during a particular process, such as painting, plating, or coating. Silicone Sponge Foam is an excellent choice for MASKING due to its unique properties.

Flexible and Strong Resilience

The flexibility and strong resilience of Silicone Sponge Foam make it perfect for use as a MASKING material. It can easily conform to irregular surfaces, ensuring a tight and secure fit. This allows it to effectively cover and protect the surface or object from any damage or contamination during the process.

UV Resistance

Silicone Sponge Foam is also highly resistant to UV radiation, making it suitable for use in outdoor applications. This UV resistance ensures that the foam will not degrade or break down when exposed to sunlight, making it a reliable choice for long-term MASKING.

Temperature Performance

With a temperature range of -60~+280°C, Silicone Sponge Foam can withstand extreme temperatures and is suitable for use in both hot and cold environments. This makes it an ideal MASKING material for a variety of industries, including automotive, aerospace, and electronics.

Silicone Foam Tube and Silicone Foam Rubber Sheet

In addition to its use as a MASKING material, Silicone Sponge Foam is also available in the form of Silicone Foam Tube and Silicone Foam Rubber Sheet. These products offer the same excellent properties and can be used in a variety of applications, such as gaskets, seals, and insulation.

Silicone Foam Tube

Silicone Foam Tube is a hollow, cylindrical form of Silicone Sponge Foam that is commonly used as a seal or insulator in pipes and tubes. Its flexibility and strong resilience make it a perfect choice for creating a tight and secure seal, while its UV resistance and temperature performance make it suitable for a wide range of environments.

Silicone Foam Rubber Sheet

Silicone Foam Rubber Sheet is a flat, solid form of Silicone Sponge Foam that is commonly used as a gasket or cushioning material. Its lightweight and compressible nature make it easy to cut and shape, while its flexibility and strong resilience ensure a tight and secure fit. Its UV resistance and temperature performance also make it suitable for use in various industries.

Conclusion

In conclusion, Silicone Sponge Foam is a highly versatile material that is perfect for use as a MASKING material. Its unique properties, such as flexibility, strong resilience, UV resistance, and temperature performance, make it an ideal choice for a variety of industries and applications. With its availability in different forms, such as Silicone Foam Tube and Silicone Foam Rubber Sheet, Silicone Sponge Foam offers a reliable and cost-effective solution for all your MASKING needs.

Customization:

Customization Services for Silicone Sponge Foam

Our Silicone Sponge Foam is a versatile and high-performance product that can be customized to meet your specific needs. With excellent temperature performance, flame retardant properties, and UV resistance, our Silicone Foam is the perfect solution for a wide range of applications.

Temperature Performance

Our Silicone Foam can withstand extreme temperatures ranging from -60°C to +280°C, making it suitable for use in both hot and cold environments.

Flame Retardant

For added safety, our Silicone Foam is flame retardant, providing protection against potential fire hazards.

Design Printing

Our Silicone Foam is available without any printing, allowing for a clean and professional appearance for your product.

UV Resistance

Our Silicone Foam has excellent UV resistance, ensuring that it will not degrade or discolor when exposed to sunlight.

Use for Masking

Our Silicone Foam is perfect for use as a masking material, providing a strong seal and protection against contamination.

Customization Options

Our Silicone Foam can be customized into various forms, including Silicone Foam Mat, Silicone Foam Gasket, and Silicone Foam Tape. We offer a wide range of sizes, thicknesses, and shapes to meet your specific requirements.

Choose our Silicone Foam for a reliable and high-quality solution for your needs. Contact us today to learn more about our customization services and how we can help you achieve your desired results.

Packing and Shipping:

Packaging and Shipping for Silicone Sponge Foam

Our Silicone Sponge Foam is carefully packaged to ensure its safe delivery to your doorstep. The packaging is designed to protect the product from any potential damage during transit.

Packaging

The Silicone Sponge Foam is packaged in air-tight plastic bags to prevent any moisture from seeping in. These bags are then placed in sturdy cardboard boxes for added protection.
The boxes are labeled with the product name, quantity, and any special handling instructions for the carrier.
Shipping

We offer various shipping options to suit your needs. Our standard shipping method is via ground transportation, which takes approximately 3-5 business days for delivery within the United States.
If you require expedited shipping, we also offer express delivery options for an additional fee.
For international orders, we use air freight to ensure timely delivery.
Our shipping team carefully inspects each package before it is sent out to ensure that the product is in perfect condition.
Tracking

Once your order has been shipped, we will provide you with a tracking number so you can monitor the progress of your shipment.
You can track your package using our website or directly through the carrier's website.
Customer Pick-up

If you prefer to pick up your order yourself, you can do so at our designated pick-up location. Please contact us to schedule a pick-up time.
Kindly note that we require at least 24 hours' notice for customer pick-ups.
Conclusion

At Silicone Sponge Foam, we take great care in packaging and shipping our products to ensure they arrive safely and in perfect condition. If you have any questions or concerns about our packaging and shipping process, please don't hesitate to contact us.

FAQ:

Insulation
Shock absorption
Sealing
Cushioning
Gasketing

A:Silicone Sponge Foam can be used for insulation, shock absorption, sealing, cushioning, and gasketing. Q:What are the advantages of Silicone Sponge Foam compared to other sponge materials? A:

Heat and cold resistance
Chemical resistance
UV and weather resistance
High compressibility and flexibility
Durable and long-lasting

A:Compared to other sponge materials, Silicone Sponge Foam has the advantage of being heat and cold resistant, chemical resistant, UV and weather resistant, highly compressible and flexible, and durable for long-term use. Q:Can this product be easily cut and shaped to fit specific needs? A:Yes, Silicone Sponge Foam can be easily cut and shaped to fit specific needs with scissors or a knife. Q:Is this product safe for use in food or medical applications? A:

Non-toxic
Odorless
Non-allergenic
Does not support bacterial growth
Meets FDA and medical grade requirements

A:Yes, Silicone Sponge Foam is safe for use in food and medical applications as it is non-toxic, odorless, non-allergenic, does not support bacterial growth, and meets FDA and medical grade requirements. Q:What types of environments can this product withstand? A:

High and low temperatures
Moisture and humidity
Chemicals and oils
UV rays and weather
Extreme pressure and impact

A:Silicone Sponge Foam can withstand a wide range of environments including high and low temperatures, moisture and humidity, chemicals and oils, UV rays and weather, and extreme pressure and impact.

Shanghai Zhonglei Electric Material Co., Ltd.

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

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