



Effective Shock Absorption Silicone Foam Gray UL94-V0 Double Sided Adhesive

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: zhonglei



Product Specification

- Adhesive: Silicone
- Width: Customized
- Material: Silicone
- Base Material: Silicone
- Adhesive Side: Double Sided
- Uv Resistance: Excellent
- Samples: Freely Provided
- Chemical Resistance: Good
- Highlight: **Shock Absorption Silicone Foam UL94-V0,
Shock Absorption Silicone Foam Gray**

Product Description:

The Silicone Sponge Foam product is a state-of-the-art material designed for a variety of industrial and commercial applications. This exceptional product boasts a density ranging from 0.3-0.8g/cm³, making it a versatile choice for numerous applications that require a lightweight yet durable solution. The product's unique makeup provides it with a good chemical resistance, ensuring that it can withstand a variety of substances without degrading or losing its inherent properties. This resistance makes it a reliable option for use in environments that are exposed to chemicals.

One of the primary uses for this Silicone Sponge Foam is MASKING. In industrial processes, masking is critical for protecting components during painting, coating, or surface treatment processes. This foam is particularly well-suited to these applications due to its flexibility and strong resilience, which allow it to conform to various shapes and sizes while providing a secure seal. The flexibility ensures that the foam can be manipulated as needed, while its resilience guarantees that it won't compress or distort over time, maintaining a consistent performance throughout its usage.

One of the most significant advantages of this product is its excellent UV resistance. When materials are exposed to UV radiation, they can deteriorate and weaken over time. However, the Silicone Sponge Foam is engineered to resist the harmful effects of UV rays, ensuring a long service life even when used in outdoor applications or in environments with significant exposure to sunlight. This UV resistance is a critical attribute for any product that will be subjected to the rigors of outdoor use or near windows and other UV light sources.

The versatility of the Silicone Sponge Foam product is further enhanced by its use in creating Silicone Sponge Cushions. These cushions can be used in a multitude of settings, including but not limited to seating, vibration dampening, and as a pressure-distributing medium. The inherent qualities of the foam make it an ideal candidate for cushioning applications where a delicate balance between softness and durability is necessary. The silicone material provides a comfortable yet sturdy cushioning effect that can be relied upon for extended periods without degradation.

Another important application of this product is in the manufacture of Silicone Foam Gaskets. Gaskets play a crucial role in creating seals between two surfaces, and the Silicone Sponge Foam's ability to maintain its shape and structure under pressure makes it an excellent choice for gasket applications. These Silicone Foam Gaskets are especially useful in scenarios where an airtight or watertight seal is essential, as the foam's properties allow it to create an effective barrier against the elements. Additionally, its chemical resistance ensures that the gaskets will not break down when in contact with various industrial chemicals.

Furthermore, the Silicone Sponge Foam serves as an outstanding Silicone Foam Insulation material. Its thermal properties make it an effective insulator, which can be used to prevent the transfer of heat or to maintain temperatures within a desired range. This insulating capability is beneficial in both the heating and cooling industries, as well as in applications where temperature control is paramount. Its ability to resist compression and maintain its structure also means that it will continue to provide effective insulation over time without significant loss of efficiency.

In conclusion, the Silicone Sponge Foam product is a multifaceted material that offers high flexibility, strong resilience, and excellent UV resistance. With a good chemical resistance and a density that can accommodate a range of applications, it is an ideal solution for MASKING, cushioning, sealing, and insulating needs. Whether utilized as Silicone Sponge Cushions, Silicone Foam Gaskets, or Silicone Foam Insulation, this product delivers superior performance and durability, making it a valuable addition to any project requiring high-quality foam solutions.

Features:

Product Name: Silicone Sponge Foam

Design Printing: No Printing

Temperature Performance: -60~+280°C

Samples: Freely Provided

Chemical Resistance: Good

Adhesive: Silicone

Silicone Foam Insulation

High-performance Silicone Foam Insulation

Durable Silicone Sponge Cushion

Technical Parameters:

Attribute	Details
Use	MASKING
Adhesive	Silicone
Flame Retardant	Yes
Width	Customized
Adhesive Side	Double Sided
Design Printing	No Printing
Samples	Freely Provided
Elasticity	High
Advantage	Flexible And Strong Resilience

Chemical Resistance	Good
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Applications:

The zhonglei brand Silicone Sponge Foam, originating from China, stands as a versatile and high-quality material suitable for a myriad of applications. Crafted from premium silicone, this foam showcases exceptional elasticity and durability, making it a preferred choice for various industries. Its silicone adhesive ensures a strong and reliable bond, suitable for both temporary and permanent applications. Furthermore, the excellent chemical resistance of the zhonglei Silicone Sponge Foam enhances its utility in environments exposed to harsh substances.

One of the prime applications of the Silicone Foam Rubber is in the automotive industry, where it serves as a vital component in sealing and cushioning. Its high elasticity ensures that it can withstand the stress and vibrations of a moving vehicle, effectively preventing leaks and reducing noise. In the realm of electronics, the zhonglei Silicone Foam Sheet provides excellent thermal insulation and shock absorption for sensitive components, thereby ensuring the longevity and functionality of electronic devices.

In the realm of construction and HVAC, the Silicone Foam Gasket is indispensable. It offers a superior sealing solution that can cope with extreme temperatures and conditions, ensuring energy efficiency and system integrity. This foam can also be found in the manufacturing of appliances, where it serves as a sealant and vibration dampener, contributing to the overall performance and noise reduction of household and industrial equipment.

Moreover, the zhonglei Silicone Sponge Foam is a sought-after material in the medical field due to its high elasticity and biocompatibility. It can be used in the production of cushioning for medical devices, prosthetics, and support products, providing comfort and protection to patients. The foam's resistance to bacteria and ease of sterilization further enhance its suitability for medical applications.

zhonglei ensures customer satisfaction by providing samples of their Silicone Sponge Foam freely, allowing for thorough evaluation before purchase. This commitment to quality and service underlines zhonglei's position as a trusted source for Silicone Foam Rubber, Silicone Foam Sheet, and Silicone Foam Gasket products. Whether it's for insulation, sealing, cushioning, or shock absorption, zhonglei's Silicone Sponge Foam offers reliable performance in a wide range of scenarios.

Customization:

Brand Name: zhonglei

Place of Origin: China

Width: Customized to meet your specific needs

Elasticity: High, ensuring flexibility and comfort in application

UV Resistance: Excellent, offering durability and longevity even with prolonged exposure to sunlight

Advantage: Our Silicone Sponge Foam features flexible and strong resilience, making it an ideal choice for a wide range of applications

Adhesive Side: Double-sided for secure and convenient attachment to various surfaces

Our zhonglei Silicone Sponge Foam can be customized into a **Silicone Foam Mat**, **Silicone Foam Padding**, or **Silicone Foam Gasket**, depending on your specific requirements. Engineered for performance, our Silicone Sponge Foam products offer unparalleled quality and versatility.

Support and Services:

Our Silicone Sponge Foam product comes with comprehensive technical support and services to ensure your complete satisfaction. Our support includes detailed product documentation, an extensive online knowledge base, and troubleshooting guides that provide practical solutions to common issues. We offer guidance on product installation, configuration, and optimization to help you get the most out of your purchase.

Our team of experts is available to provide advice on the best practices for maintenance and care of your Silicone Sponge Foam to extend its usability and performance. We also provide insights on how to integrate our product seamlessly into your existing systems and workflows.

In the unlikely event that you encounter a defect or failure with our product, we will provide you with the necessary steps to claim warranty service, which includes repair or replacement of the product as covered by our terms and conditions.

We are dedicated to providing you with a high level of customer service and technical support. Our goal is to address your concerns promptly and effectively, ensuring that your experience with our Silicone Sponge Foam product is both positive and productive.

Packing and Shipping:

Our Silicone Sponge Foam product is carefully packaged in high-quality, durable materials to ensure it reaches you in perfect condition. Each foam is individually wrapped to prevent any damage or contamination during transit. The packaging is designed to be resistant to moisture and external pressures, ensuring that the integrity of the silicone sponge foam is maintained.

For shipping, we use reliable courier services that provide tracking information so you can monitor the progress of your delivery. The product is placed in a sturdy box with appropriate cushioning materials to minimize movement and reduce the risk of compression or deformation. We also seal the boxes securely to prevent any ingress of dirt, dust, or water during shipping.

Please inspect the package upon arrival for any signs of damage, and report any issues immediately to our customer service team so we can assist you. We are committed to providing you with a high-quality product and a smooth, hassle-free delivery experience.

FAQ:

Q1: What is the material composition of the Zhonglei Silicone Sponge Foam?

A1: The Zhonglei Silicone Sponge Foam is made from high-quality silicone that provides excellent heat resistance, flexibility, and compression set. It is designed for a multitude of applications requiring a soft, pliable material.

Q2: Can the Zhonglei Silicone Sponge Foam be used for outdoor applications?

A2: Yes, the Zhonglei Silicone Sponge Foam is well-suited for outdoor use due to its UV and ozone resistance, as well as its ability to withstand extreme temperatures and weather conditions.

Q3: Is the Zhonglei Silicone Sponge Foam available in different sizes and shapes?

A3: Absolutely. We offer a variety of sizes and shapes to meet your specific needs. Customization options are available upon request to ensure you receive the perfect fit for your application.

Q4: How does the performance of Zhonglei Silicone Sponge Foam compare to traditional foam materials?

A4: Zhonglei Silicone Sponge Foam offers superior durability, temperature resistance, and longevity compared to many traditional foam

materials. It maintains its properties over a wide range of temperatures and is less likely to degrade over time.

Q5: What industries commonly use the Zhonglei Silicone Sponge Foam?

A5: Zhonglei Silicone Sponge Foam is versatile and is commonly used across various industries, including automotive, aerospace, electronics, medical, and construction. Its adaptability to different environments and specifications makes it a popular choice for numerous applications.



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