



## Black Shock Absorption Silicone Sponge Foam UL94-V0 For Sealling And Damping

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: zhonglei
- Minimum Order Quantity: 300 m<sup>2</sup>
- Packaging Details: carton
- Supply Ability: 20000



### Product Specification

- Width: Customized
- Design Printing: No Printing
- Base Material: Silicone
- Advantage: Flexible And Strong Resilience
- Use: Sealling & Damping
- Material: Silicone
- Temperature Performance: -60~+200°C
- Elasticity: High
- Highlight: **Shock Absorption Silicone Sponge Foam, Damping Silicone Sponge Foam**

## Product Description

### Product Description:

The Silicone Sponge Foam product stands as a testament to modern engineering and material science, tailored for a wide array of applications where durability, elasticity, and resistance to environmental factors are of paramount importance. Crafted with a keen eye for quality, this product exhibits remarkable flexibility and strong resilience, ensuring that it maintains its shape and function even under stress or after compression. Consumers and industries alike will appreciate the high elasticity that allows the Silicone Sponge Foam to stretch and bend, catering to applications that require a material with the ability to withstand repeated cycles of stretching and relaxing without losing its integrity.

Utilizing a silicone adhesive, this product ensures a secure and lasting bond to various surfaces. The adhesive quality of the Silicone Sponge Foam lends itself well to permanent installations or applications where the foam needs to stay in place without shifting. This feature is particularly beneficial in scenarios where the foam is applied as a sealing material, providing a steadfast barrier against moisture, air, and contaminants. The silicone base of the adhesive also contributes to the overall durability of the product, enhancing its lifespan and performance.

Constructed to defy the degrading effects of ultraviolet (UV) rays, the Silicone Sponge Foam boasts excellent UV resistance. This resistance to UV radiation ensures that the product will not deteriorate, crack, or lose its mechanical properties when exposed to sunlight over time. Such UV stability is crucial for outdoor applications or in environments where the material will be subjected to direct or indirect UV light regularly. This attribute extends the utility of the Silicone Sponge Foam to outdoor sealing, cushioning, and insulation tasks, where other materials might fail or require frequent replacement.

While the Silicone Sponge Foam is designed without printing, its unadorned surface does not detract from its utility. The absence of design printing means there are no inks or dyes that could potentially compromise the integrity of the foam or react unfavorably with other substances. This ensures that the product remains pure and free from potential contaminants, making it suitable for sensitive or cleanroom environments where purity is a necessity.

The advantages of the Silicone Sponge Foam are further exemplified in its various forms, such as the Silicone Foam Tube, Silicone Foam Padding, and Silicone Sponge Cushion. The Silicone Foam Tube is ideal for insulating wires, cables, and pipes, providing a protective layer that can absorb shock and vibrations while also withstanding high temperatures. As Silicone Foam Padding, it serves as an excellent option for applications requiring a soft but firm support structure, such as in bedding, seating, and various protective padding scenarios. In the form of a Silicone Sponge Cushion, it offers a soft, malleable yet resilient surface, perfect for use in healthcare, automotive, and industrial seating solutions, as well as in vibration dampening systems.

In summary, the Silicone Sponge Foam product is an exemplar of versatility, reliability, and performance. With high elasticity, a strong silicone adhesive, excellent UV resistance, and a design free of any printing, it stands as an ideal choice for countless applications. Whether employed as a Silicone Foam Tube, Silicone Foam Padding, or Silicone Sponge Cushion, the product delivers flexibility and resilience that are second to none, ensuring satisfaction and longevity in its myriad uses.

### Features:

Product Name: Silicone Sponge Foam

Width: Customized

Advantage: Flexible And Strong Resilience

Temperature Performance: -60~+200°C

Adhesive: Silicone

Density: 0.3-0.8g/cm<sup>3</sup>

Applications: Silicone Foam Tube, Silicone Foam Gasket, Silicone Foam Mat

### Technical Parameters:

Attribute	Specification
Flame Retardant	Yes
Material	Silicone
Elasticity	High
Base Material	Silicone
UV Resistance	Excellent
Temperature Performance	-60~+200°C
Adhesive	Silicone
Adhesive Side	Double Sided
Density	0.3-0.8g/cm <sup>3</sup>
Use	Sealing&Damping

### Applications:

The Zhonglei Silicone Sponge Foam, originating from China, is a versatile product designed to meet a broad range of applications and scenarios. Its unique properties make it an ideal choice for various industries requiring a high-quality sealing solution. The product comes

in a customizable width, ensuring that it meets the specific needs of each application. With its flame-retardant feature, the Zhonglei Silicone Sponge Foam provides an added level of safety, particularly in environments where fire resistance is paramount. One of the key attributes of the Zhonglei Silicone Sponge Foam is its flexible and strong resilience. This quality makes it suitable for applications where a durable and reliable seal is necessary to withstand compression and environmental factors. The foam's flexibility allows it to conform to irregular surfaces, ensuring a tight seal and superior performance. This characteristic is particularly beneficial for industries that require a silicone sponge seal that can adapt to varying shapes and dimensions. The double-sided adhesive coated with silicone enhances the product's usability, allowing for easy installation. This feature simplifies the process of applying the silicone rubber sponge foam, saving time and labor for users. The adhesive ensures that the foam stays in place, providing a long-lasting bond that maintains the integrity of the seal over time. Applications that benefit from this adhesive side include automotive, electronics, and construction, where the silicone foam rubber needs to stay adhered to different materials under varying conditions. In the realm of industrial applications, the Zhonglei Silicone Foam Rubber is a common choice for gaskets, seals, and insulation pads. Its excellent thermal stability and insulation properties make it suitable for high-temperature environments, such as those found in manufacturing and processing plants. The foam can also be used in the HVAC industry, where it serves as a seal against air and moisture, helping to maintain energy efficiency and indoor air quality. Consumer products also benefit from the use of silicone sponge seal. For instance, in household appliances, the foam can be used to dampen vibrations and noise, providing a quieter and more pleasant user experience. In electronics, the Zhonglei Silicone Sponge Foam can be found in protective cases and covers, offering shock absorption and protection for sensitive components. Overall, the adaptability and safety features of the Zhonglei Silicone Sponge Foam make it a reliable choice for a multitude of applications. Its capacity to be customized in width and its flame-retardant property, coupled with the advantages of flexibility and resilience, ensure that it is a go-to product for industries in need of a superior silicone sponge seal solution.

## Customization:

At zhonglei, we specialize in offering premium Product Customization Services for our Silicone Sponge Foam products. Each product is crafted with meticulous attention to detail, ensuring that it meets the unique needs and specifications of our clients. The Silicone Sponge Foam is an exceptional solution for a variety of applications, including Silicone Sponge Seals, Silicone Foam Sheets, and Silicone Foam Rubber components.

Made with high-quality Silicone material and originating from China, our Silicone Sponge Foam exhibits outstanding temperature performance, capable of withstanding extreme conditions ranging from -60 to +200°C. The base material of Silicone ensures durability and longevity, making it a reliable choice for various industries.

Understanding that each application may require different specifications, we offer customization in terms of density, which varies from 0.3 to 0.8g/cm<sup>3</sup>, and width, which can be tailored to fit your specific requirements. With our expertise and dedication to customer satisfaction, zhonglei stands as your premier partner for customized Silicone Sponge Foam solutions.

## Support and Services:

Our Silicone Sponge Foam product comes with comprehensive technical support and services designed to assist you with any aspect of product use, from initial selection to application troubleshooting. Our technical support team is well-versed in the properties and capabilities of our Silicone Sponge Foam, ensuring that you receive the most accurate and timely assistance. We provide detailed product specifications, usage guidelines, and safety data to ensure that you can use our product with confidence and efficiency. Additionally, we offer a range of services to enhance your experience with our Silicone Sponge Foam. These include product customization options to meet specific requirements, guidance on proper storage and handling to maintain the integrity of the foam, and advice on optimal usage techniques for different applications. Our goal is to provide you with the resources and support you need to get the most out of our product.

For more complex issues or specialized assistance, our technical support team is available to work with you to find solutions tailored to your unique challenges. While we do not include contact information here, rest assured that our customer service team is always ready to connect you with the appropriate technical support representative for your specific needs.

Thank you for choosing our Silicone Sponge Foam. We are committed to providing you with quality products and exceptional support services.

## Packing and Shipping:

Product Packaging:

Our Silicone Sponge Foam is meticulously packed to ensure its integrity during transit. Each piece is wrapped in a protective film to guard against dust and moisture. For added protection, the foam is then encased in a sturdy cardboard box, which is sealed and reinforced to prevent any damage. The packaging materials are selected for their durability and environmental friendliness, ensuring that your product arrives in perfect condition while being considerate of the planet.

Shipping:

We take great care in shipping our Silicone Sponge Foam to guarantee timely and safe delivery. Once packaged, the boxes are labeled with all the necessary information, including a tracking number that will be provided to you. Our trusted carriers ensure that your product is handled with care and delivered to your specified address. We offer a range of shipping options to meet your needs, whether it be standard, expedited, or overnight shipping. Please note that shipping times may vary depending on the destination and customs processing for international orders.

## FAQ:

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

A1: The zhonglei Silicone Sponge Foam is made from high-quality, lightweight silicone foam with a closed-cell structure, providing excellent thermal insulation and cushioning properties.

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

A2: Yes, the zhonglei Silicone Sponge Foam is suitable for outdoor use as it is resistant to weathering, UV, and ozone, making it durable in various environmental conditions.

**Q3: Is the zhonglei Silicone Sponge Foam safe for use in contact with food?**

A3: zhonglei Silicone Sponge Foam is made from food-grade silicone, which is typically safe for contact with food. However, it's recommended to check specific product certifications to ensure compliance with relevant food safety standards.

**Q4: How can I cut or shape the zhonglei Silicone Sponge Foam?**

A4: The zhonglei Silicone Sponge Foam can be easily cut and shaped with common tools such as scissors or a sharp knife. It can be custom fit to various applications as needed.

**Q5: What temperature range can the zhonglei Silicone Sponge Foam withstand?**

A5: zhonglei Silicone Sponge Foam is designed to withstand a wide temperature range, typically from -60°C to 200°C, making it suitable for a variety of high and low-temperature applications.

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