



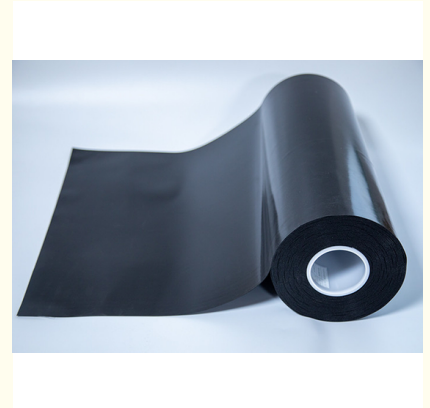
UL94-V0 Black Silicone Sponge Foam Shock Absorption For Electrical Components

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: zhonglei
- Minimum Order Quantity: 300 m²
- Packaging Details: carton
- Supply Ability: 20000



Product Specification

- Use: Sealling & Damping
- Samples: Freely Provided
- Density: 0.3-0.8g/cm³
- Advantage: Flexible And Strong Resilience
- Uv Resistance: Excellent
- Material: Silicone
- Width: Customized
- Base Material: Silicone
- Highlight: **UL94-V0 Silicone Sponge Foam,
Electrical Components Silicone Sponge Foam,
Black Silicone Sponge Shock Absorption**

Product Description:

The Silicone Sponge Foam product presents an outstanding solution for a wide range of industrial and consumer applications, where a versatile and durable material is paramount. This high-quality material is made from silicone, which is renowned for its exceptional properties and resilience. The base material of silicone imparts the product with a series of impressive features that cater to the needs of various sectors including automotive, electronics, construction, and healthcare.

At the heart of the Silicone Sponge Foam's superior performance lies its excellent chemical resistance. This characteristic ensures that the product can withstand exposure to a myriad of chemicals without degrading. This makes it an ideal choice for use in environments where the foam may come into contact with oils, solvents, and other potentially damaging substances. Whether deployed as a Silicone Foam Gasket in machinery, or as part of a filtration system, the product maintains its integrity and continues to perform its sealing or cushioning function effectively.

With a density ranging from 0.3 to 0.8g/cm3, the Silicone Sponge Foam strikes the perfect balance between lightweight and robustness. This density range allows for the creation of products that are firm yet flexible, providing excellent cushioning and vibration dampening properties. This is particularly beneficial for applications such as Silicone Foam Tube, where the foam must be light enough to not add unnecessary weight, yet sturdy enough to maintain its shape and provide protection against physical impacts.

Another standout feature of the Silicone Sponge Foam is its excellent UV resistance. Silicone inherently stands up well against the harmful effects of ultraviolet light, which can cause many materials to become brittle and lose their mechanical properties over time. However, products made from this silicone foam, including Silicone Foam Rubber, can be used in outdoor applications with confidence, knowing that they will not degrade even after prolonged exposure to sunlight. This durability under UV exposure ensures a longer lifespan for the product and reduces the need for frequent replacements.

The Silicone Sponge Foam is not only praised for its physical and chemical properties but also for the versatility it offers in manufacturing. It can be easily fabricated into various forms, such as sheets, strips, and custom shapes, to meet the specific requirements of different applications. The material's adaptability makes it an excellent choice for creating custom Silicone Foam Gaskets, which can be designed to fit unique geometries and provide an airtight seal in a wide array of machinery and equipment.

Moreover, the Silicone Sponge Foam's inherent thermal stability complements its other attributes, allowing it to operate effectively over a broad temperature range. This thermal resilience, combined with its inherent flexibility, makes it an ideal material for producing Silicone Foam Tubes that are used in both high-temperature environments and low-temperature applications. The foam's ability to maintain its properties across varying temperatures further expands its usability across many industries where temperature fluctuations are common.

In conclusion, the Silicone Sponge Foam product stands as a superior choice for anyone in need of a reliable, durable, and versatile material. Its excellent chemical and UV resistance, optimal density, and the flexibility of its base silicone material make it an indispensable component in countless applications. Whether used as a Silicone Foam Gasket, Silicone Foam Tube, or Silicone Foam Rubber, users can trust in the product's ability to perform consistently and effectively in the most demanding of environments.

Features:

- Product Name: Silicone Sponge Foam
- Elasticity: High
- UV Resistance: Excellent
- Material: Silicone
- Design Printing: No Printing
- Width: Customized
- Keywords:
 - Silicone Foam Rubber
 - Silicone Foam Insulation
 - Silicone Foam Mat

Technical Parameters:

Attribute	Details
Advantage	Flexible And Strong Resilience
Material	Silicone
Samples	Freely Provided
Temperature Performance	-60~+200°C
Elasticity	High
Chemical Resistance	Good
Width	Customized
Use	Sealing&Damping
Adhesive	Silicone
Adhesive Side	Double Sided

Applications:

The zhonglei brand, hailing from China, has developed a versatile range of Silicone Sponge Foam products that cater to a wide array of applications and scenarios. Each product, customizable in width to suit specific needs, boasts a double-sided adhesive characteristic, enabling easy installation and use across different surfaces. With a density range of 0.3-0.8g/cm³ and a flame-retardant feature, the zhonglei Silicone Sponge Foam products guarantee both safety and durability.

One of the most common applications of zhonglei's Silicone Sponge Foam is in the form of a Silicone Foam Tube. These tubes are extensively used in insulation for wires and cables, especially in environments where electrical safety and heat resistance are paramount. Their inherent flame retardancy and insulation properties make them ideal for aerospace, automotive, and electronics industries, where they help in protecting sensitive wiring from extreme temperatures and flame exposure.

Another popular form is the Silicone Foam Mat, which serves a multitude of purposes, ranging from industrial to personal use. In industrial settings, these mats can be placed under heavy machinery to reduce vibration and noise. They are also used as seals or gaskets in various applications due to their excellent compression set and resilience. In the consumer market, Silicone Foam Mats are utilized as heat-resistant trivets in kitchens or as protective padding in sports equipment.

Furthermore, Silicone Foam Rubber is a key material in the manufacturing of gaskets, seals, and cushioning pads in the automotive industry. Its high thermal stability and weather resistance make it an ideal choice for outdoor applications. Additionally, due to its soft and flexible nature, Silicone Foam Rubber is often used in the medical industry for cushioning in prosthetics and orthopedic supports, ensuring patient comfort while providing the necessary support.

The adaptability of zhonglei's Silicone Sponge Foam products makes them suitable for a wide range of scenarios, including but not limited to, thermal insulation in buildings and appliances, acoustic dampening in recording studios, and even as flotation devices due to their buoyant nature. The product's non-printing design ensures that it can seamlessly integrate into any system without aesthetic disruptions, while the ability to customize the width allows for precision-fit installations in any given scenario.

In conclusion, zhonglei's Silicone Sponge Foam products, with their customizable width, double-sided adhesive feature, and flame retardancy, are engineered to meet the demands of various industries. Whether it's for insulating, sealing, cushioning, or dampening, the zhonglei brand from China stands as a beacon of reliability and versatility in the realm of Silicone Foam Tubes, Silicone Foam Mats, and Silicone Foam Rubber applications.

Customization:

Discover the impeccable product customization services for the **Silicone Sponge Foam** product from the distinguished brand, **zhonglei**. Originating from **China**, our silicone sponge solutions offer superior quality and customizability.

Our Silicone Sponge Foam comes equipped with **silicone adhesive** that is applied on **both sides** for a strong, durable bond. The adhesive used ensures a reliable and lasting seal, making it perfect for a variety of applications.

Whether you are in need of a **Silicone Sponge Seal**, a **Silicone Foam Tube**, or a **Silicone Foam Gasket**, our customization service can cater to your specific needs. We do not offer design printing, ensuring the natural integrity and high performance of the silicone sponge material.

We understand the importance of testing before making a decision, which is why we provide **samples freely** to all our clients. Experience the high **elasticity** and quality of our product firsthand, and see how it can be integrated into your projects seamlessly.

Choose zhonglei for your Silicone Sponge Foam needs and benefit from a product that is tailored to deliver excellence in every application.

Support and Services:

Our Silicone Sponge Foam products come with comprehensive technical support and services designed to ensure that you get the most out of your purchase. Our support includes detailed product documentation that covers specifications, installation guidelines, and maintenance tips to help you understand and utilize your Silicone Sponge Foam effectively.

Additionally, we provide troubleshooting assistance to help you quickly resolve any issues you may encounter. Our team of experts is well-versed in the intricacies of Silicone Sponge Foam and is ready to provide you with solutions and advice to keep your product functioning optimally.

We are committed to continuous improvement and we value customer feedback as part of our development process. Should you have any suggestions or need further assistance, our support team is here to listen and act upon your valuable input, ensuring that our products and services meet your highest expectations.

Please note that while we offer extensive support and services, our policies may exclude certain types of damages or misuse. Refer to our warranty and service terms for detailed information on coverage, limitations, and exclusions. We are dedicated to providing you with quality support for your Silicone Sponge Foam needs.

Packing and Shipping:

Product Packaging:

Each Silicone Sponge Foam sheet is individually wrapped in a protective polyethylene film to guard against dust and scratches. We ensure the foam is cut to precise dimensions for consistent quality. The wrapped sheets are then carefully placed into sturdy corrugated boxes, which are sealed and labeled with product information and handling instructions. For bulk orders, the boxes may be palletized and securely strapped to facilitate safe transportation.

Shipping:

Our Silicone Sponge Foam products are shipped via reputable courier services to ensure timely and safe delivery. We provide tracking information for each shipment, allowing customers to monitor their order's progress. The foam is transported in climate-controlled vehicles to prevent any damage due to environmental conditions. Upon arrival, we recommend inspecting the package for any signs of tampering or damage before accepting the delivery. For international shipments, all necessary customs documentation will be provided to ensure a smooth transit.

FAQ:

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

A1: Zhonglei Silicone Sponge Foam is made from high-quality, lightweight silicone foam. It is designed to provide excellent thermal insulation and shock absorption properties.

Q2: Can Zhonglei Silicone Sponge Foam be used in high-temperature applications?

A2: Yes, Zhonglei Silicone Sponge Foam is designed to withstand high temperatures, making it suitable for a variety of industrial applications that require thermal resistance.

Q3: Is Zhonglei Silicone Sponge Foam resistant to chemicals?

A3: Zhonglei Silicone Sponge Foam has good chemical resistance properties, which means it can be used in environments where it may come into contact with various chemicals without degrading.

Q4: What are the common applications of Zhonglei Silicone Sponge Foam?

A4: Common applications include gaskets, heat shields, fire stops, cushions, insulation for electrical components, and any application where a soft, compressible material is required.

Q5: How can I purchase Zhonglei Silicone Sponge Foam and what sizes are available?

A5: You can purchase Zhonglei Silicone Sponge Foam directly from authorized distributors or by contacting the manufacturer. It is available in a range of sizes and thicknesses to suit various applications. Custom sizes can also be requested to meet specific needs.



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