

Waterproof IP68 30KV Self Curing Silicone Pad UV Resistant For Wire Insulation Repairs

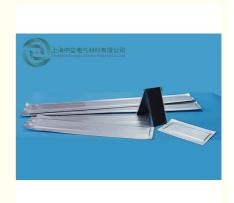
Basic Information

- Place of Origin:
- Brand Name:
- Model Number:
- Minimum Order 300PCS
 Quantity:

China

zhonglei

ZL525W



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上海中垒电气材料有限公司 Shanthai Zhongini Electric Material Co. Lid

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• Size:	Customizable
Uv Resistance:	Good
Elongation At Break:	300-500%
Chemical Resistance:	Excellent
Temperature Resistance:	-40~85°C
Electrical Insulation:	Excellent
Tensile Strength:	1.5-2 MPa
Application:	Busbar Waterproof Insulation,Electrical Connector Insulation And Waterproofing,Insulation Repair For Cables,Sealed And Insulated Protection Of Overhead Line Clamps,Insulation Protection For Exposed Metal Positions Of Power Conductors.Used For The Partial I

Product Description:

The Self Curing Silicone Pad is a cutting-edge solution designed to meet the needs of industries requiring durable, flexible, and reliable material for a variety of applications. This remarkable product comes with an intrinsic self-curing feature, meaning it sets and becomes fully functional within 24 hours without the need for any external curing agents or special equipment. The convenience that this brings to the table is unparalleled, particularly for operations where time and efficiency are of the essence.

One of the most impressive attributes of the Self Curing Silicone Pad is its extraordinary elongation at break range of 300-500%. This high elasticity ensures that the pads can stretch significantly without losing integrity or breaking, making them perfect for applications that involve movement or expansion. This flexibility is crucial for materials that will be subject to various forces or will need to conform to irregular surfaces.

In addition to its flexibility, the Self Curing Silicone Pad boasts a substantial tear strength of 1.5~2Mpa. This measurement indicates the force required to tear the material, reflecting the pad's resistance to physical damage and ensuring longevity even in the most demanding conditions. Whether it's used in industrial machinery, as a sealant, or in consumer goods, users can depend on the silicone pad to maintain its integrity over time.

A significant concern for materials exposed to outdoor environments is their resistance to UV radiation. The Self Curing Silicone Pad has good UV resistance, which means it can withstand prolonged exposure to sunlight without degrading. This UV stability is essential for applications that are outdoors or in environments with strong artificial lighting. Users can rest assured that their investment in this product will not be compromised by UV-related wear and tear.

With a shelf life of 12 months, the Self Curing Silicone Pad offers excellent storage stability. This extended shelf life allows for bulk purchasing and inventory management without the worry of the material degrading on the shelf before use. Users can plan their projects with the confidence that the silicone pads will maintain their performance characteristics until they are ready to be used.

The Self Curing Silicone Pad is not just a product; it's a versatile, high-performance solution that caters to a wide range of needs. Its selfcuring property, combined with its impressive elongation at break, robust tear strength, and good UV resistance, make it an invaluable tool for professionals across various industries. Whether it's for construction, automotive, aerospace, electronics, or any other field that demands the best in material performance, the Self Curing Silicone Pad is up to the task.

Investing in this product means choosing reliability, efficiency, and quality. The Self Curing Silicone Pad is set to revolutionize the way businesses think about silicone-based materials, providing a durable, easy-to-use, and consistent solution that stands the test of time. With the Self Curing Silicone Pad, you are not just purchasing a product; you are equipping your operations with the innovation necessary to push boundaries and exceed expectations.

Features:

Product Name: Self Curing Silicone Pad Chemical Resistance: Excellent Tear Strength: 1.5~2Mpa UV Resistance: Good Elongation At Break: 300-500% Hardness: Shore A 30-80

Technical Parameters:

Attribute	Specification
Chemical Resistance	Excellent
Color	Black
Tensile Strength	1.5- MPa
Self-Curing Time	24 Hours
Size	Customizable
Elongation At Break	300-500%
Electrical Insulation	Excellent
Tear Strength	10-30 N/mm
Shelf Life	12 Months
Hardness	Shore A 30-80

Applications:

The **zhonglei Self Curing Silicone Pad** is an innovative product designed to meet the needs of various applications and scenarios. Originating from China, this self-curing solution boasts impressive attributes such as a tear strength of 10-30 N/mm, a shelf life of 12 months, and a transparent color that makes it versatile for numerous uses. The pad's ability to withstand temperatures up to 250°C further enhances its applicability in environments that experience high heat.

One of the primary applications of the **zhonglei Self Curing Silicone Pad** is in the electronics industry. During the manufacturing and maintenance of electronic components, the pad can be used as an insulating layer to protect sensitive parts from heat and electrical interference. Its self-curing property ensures a secure bond within 24 hours, making it an efficient choice for quick-paced production

environments.

Moreover, the **zhonglei Self Curing Silicone Pad** is ideal for the automotive sector. The high tear strength and temperature resistance make it suitable for use as a gasket material in engines and transmissions, where it must endure harsh conditions and prevent leaks. The clear color of the silicone pad ensures that it remains unobtrusive, maintaining the aesthetic integrity of the vehicle's components. The medical field also benefits from the use of the **zhonglei Self Curing Silicone Pad**. It can be utilized in medical devices that require sterilization at high temperatures. Its self-curing time of 24 hours and the ability to maintain its properties after curing make it a reliable material for long-term applications. The pad's clear color allows for visual inspections of device integrity without disassembly. In the realm of consumer products, the **zhonglei Self Curing Silicone Pad** can be applied to create custom grips or cushioning for handles and tools. Its self-curing nature makes it a convenient option for DIY enthusiasts who are looking to personalize their belongings or improve the ergonomics of everyday items.

Finally, the **zhonglei Self Curing Silicone Pad** serves as an excellent choice in the construction and repair industries. Its strong adhesion and resistance to temperature fluctuations make it an effective sealant for windows, doors, and ventilation systems, ensuring a durable and long-lasting seal.

In conclusion, the versatility of the **zhonglei Self Curing Silicone Pad** allows it to be applied across a broad spectrum of industries and scenarios, where its performance and ease of use make it an essential component for professionals and hobbyists alike.

Customization:

Brand Name: zhonglei Place of Origin: China Material: Silicone Rubber Shelf Life: 12 Months Elongation At Break: 300-500% Temperature Resistance: -40~85°C

Size: Customizable

Explore our product customization services for the **Self Curing Silicone Pad** by zhonglei, designed to meet your specific needs. Our pads, originating from China and composed of high-quality silicone, offer a significant shelf life of 12 months. The **Self Curing Silicone Pad** boasts an impressive elongation at break of 300-500%, ensuring durability and flexibility in various applications. Withstand high temperatures with ease, as our **Self Curing Silicone Pad** is resistant up to 250°C. Opt for a size that fits your unique requirements, as we provide customizable options to tailor the product just for you.

Support and Services:

The Self Curing Silicone Pad is designed to provide a reliable and durable solution for a variety of sealing and cushioning applications. The pad features an advanced silicone formulation that allows it to cure at room temperature, forming a resilient and long-lasting bond with most substrates. Its unique self-curing property eliminates the need for additional curing agents or heat application, making it a convenient option for both professional and DIY uses.

Technical Support for the Self Curing Silicone Pad includes guidance on proper usage, storage, and handling to ensure optimal performance and longevity of the product. We offer advice on surface preparation, application techniques, and curing times to help users achieve the best results. For specialized applications or technical queries, our team of experts is available to provide the necessary support and recommendations.

Our Services surrounding the Self Curing Silicone Pad include a comprehensive range of customer support options. We provide detailed product documentation, including datasheets and safety information, to assist in the safe and effective use of the product. In addition, we offer troubleshooting assistance for any issues that may arise during the use of the pad. Our goal is to ensure customer satisfaction and to provide the highest level of service to support your project needs.

Packing and Shipping:

Product Packaging for Self Curing Silicone Pad:

The Self Curing Silicone Pad is carefully enclosed in a protective sleeve to ensure it remains uncontaminated and retains its properties. The silicone pad is then placed in a sturdy, custom-fit cardboard box that provides additional protection against any external pressure or impact during transport. The box is sealed with tamper-evident tape and clearly labeled with the product name, dimensions, and handling instructions.

Shipping Information for Self Curing Silicone Pad:

Our Self Curing Silicone Pads are shipped via a reliable courier service to ensure timely and safe delivery. Each package is tracked with a unique tracking number, which will be shared with the customer upon dispatch. The product is shipped within 1-2 business days after the order has been confirmed and payment processed. Upon shipping, customers are advised to inspect the package for any signs of damage and report immediately for prompt resolution.

FAQ:

Q1: What is the primary use of the zhonglei Self Curing Silicone Pad?

A1: The zhonglei Self Curing Silicone Pad is designed for various applications where a non-stick, heat-resistant, and easy-to-clean surface is required. It is often used in electronics for heat insulation, as a protective surface in crafts, or as a mat for soldering and other DIY projects.

Q2: What temperature range can the zhonglei Self Curing Silicone Pad withstand?

A2: The zhonglei Self Curing Silicone Pad is made to withstand high temperatures, but for specific temperature range details, please refer to the product specifications or contact customer service for more information.

Q3: How do I clean the zhonglei Self Curing Silicone Pad?

A3: You can clean the zhonglei Self Curing Silicone Pad with soapy water and a soft cloth or sponge. It is not recommended to use abrasive cleaners or pads as they may damage the silicone surface. After cleaning, rinse the pad with clean water and let it air dry. Q4: Can the zhonglei Self Curing Silicone Pad be cut to size?

A4: Yes, the zhonglei Self Curing Silicone Pad can be easily cut with scissors or a sharp knife to fit your specific needs or the size of your workspace.

Q5: Is the zhonglei Self Curing Silicone Pad available in different sizes and thicknesses?

A5: Yes, the zhonglei Self Curing Silicone Pad comes in a variety of sizes and thicknesses to suit different applications and requirements. Please check our product listings or contact customer service for more information on the available options.

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