



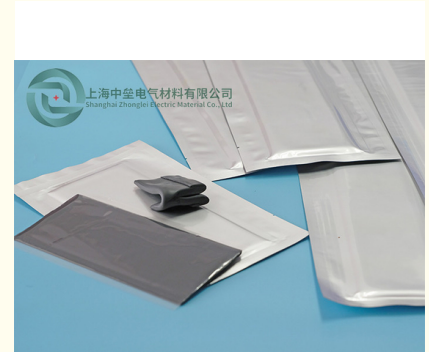
30KV Waterproof Self Curing Pad For Overhead Wire Localized Insulation Reinforcement

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: zhonglei
- Model Number: ZL525W
- Minimum Order Quantity: 300PCS



Product Specification

- 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
- Hardness: Shore A 30-80
- Chemical Resistance: Excellent
- Shelf Life: 12 Months
- Tensile Strength: 1.5-2MPa
- Elongation At Break: 300-500%
- Temperature Resistance: -40~85°C
- Highlight: **30KV Self Curing Pad.**

Product Description

Product Description:

The Self Curing Silicone Pad represents a cutting-edge solution in the field of industrial and commercial applications where durable and resilient material is vital. This innovative product boasts a self-curing time of only 24 hours, making it a convenient option for various projects and repairs where time is of the essence. Once cured, this silicone pad offers a level of performance and durability that is hard to match, making it an essential product for a wide range of uses.

One of the most remarkable features of the Self Curing Silicone Pad is its size customizability. This flexibility allows it to cater to specific requirements and makes it suitable for a multitude of applications, ranging from industrial machinery padding to consumer product enhancements. Whether you need a small pad for a niche application or a large sheet for more extensive coverage, the ability to tailor the size of the Self Curing Silicone Pad ensures that it meets your exact needs without any excess waste or additional cutting required.

In terms of physical properties, the Self Curing Silicone Pad boasts an impressive elongation at break of 300-500%. This elasticity indicates that the material can stretch significantly before breaking, providing excellent shock absorption and impact resistance. Such a high elongation at break also signifies that the Self Curing Silicone Pad can endure substantial mechanical stress and deformation, making it ideal for applications that involve movement, stretching, or compression.

The material composition of the Self Curing Silicone Pad is another aspect that cannot be overlooked. Made from high-quality silicone, it is designed to withstand harsh environments and maintain its integrity over time. Silicone, as a material, is known for its durability and longevity, which is why the Self Curing Silicone Pad is a preferred choice for those seeking a reliable and long-lasting solution. This pad's ability to maintain its properties over a wide temperature range further enhances its utility in various conditions.

An essential attribute of the Self Curing Silicone Pad is its excellent chemical resistance. This resistance assures that the pad can come into contact with a variety of chemicals without degrading or losing its mechanical properties. Whether exposed to oils, solvents, or other harsh substances, the Self Curing Silicone Pad remains unaltered, ensuring that it continues to perform its protective or cushioning role effectively. This resistance is particularly valuable in industrial settings where chemical exposure is common.

Overall, the Self Curing Silicone Pad is a superior choice for anyone in need of a robust, reliable, and versatile material solution. Its self-curing nature, customizable size, high elongation at break, silicone composition, and exceptional chemical resistance make it the go-to product for a wide array of applications. Whether you are an engineer, a maintenance professional, or a DIY enthusiast, the Self Curing Silicone Pad is sure to exceed your expectations and provide a level of performance that is unmatched by other materials on the market. Investing in the Self Curing Silicone Pad means choosing a product that is designed to last and perform under the toughest conditions. Its unique properties and adaptability make it an indispensable material for tasks that require the highest standards of durability, flexibility, and chemical resistance. Embrace the future of material solutions with the Self Curing Silicone Pad, and experience the peace of mind that comes with knowing you are using one of the finest products available.

Features:

Product Name: Self Curing Silicone Pad

Elongation At Break: 300-500%

Self-Curing Time: 24 Hours

Temperature Resistance: Up To 250°C

Size: Customizable

Tensile Strength: 5-10 MPa

Technical Parameters:

Parameter	Specification
Hardness	Shore A 30-80
Tensile Strength	5-10 MPa
Color	Black
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 Insulation Restoration Of Overhead Wires, Used For Insulating The Bare Metal Parts Within Switchgear
UV Resistance	Good
Shelf Life	12 Months
Electrical Insulation	Excellent
Size	Customizable
Elongation at Break	300-500%
Self-Curing Time	24 Hours

Applications:

The Zhonglei Self Curing Silicone Pad is a versatile and innovative product originating from China, designed to address a wide range of insulation and waterproofing needs in various electrical applications. This customizable product exhibits excellent electrical insulation properties, making it an ideal solution for professionals in the electrical industry seeking reliable and efficient materials for their projects. One of the primary applications of the Zhonglei Self Curing Silicone Pad is in busbar waterproof insulation. Busbars require robust insulation to ensure safe and uninterrupted power distribution, and this silicone pad provides a secure layer of protection against environmental factors that could lead to short circuits or corrosion. The self-curing nature of the product, which sets completely within 24 hours, simplifies the application process and ensures a lasting bond to the busbar surface.

Furthermore, the Self Curing Silicone Pad is extensively used for electrical connector insulation and waterproofing. Connectors are critical in maintaining the integrity of electrical circuits, and this product ensures that connectors are both insulated and shielded from moisture, preventing potential electrical failures and enhancing system longevity.

When it comes to insulation repair for cables, the Zhonglei Self Curing Silicone Pad is an exceptional choice. Its self-curing properties allow for quick field repairs, restoring the insulation of damaged cables without the need for complex tools or equipment. This is particularly useful for urgent repairs in remote locations or during inclement weather conditions.

The product is also an excellent option for the sealed and insulated protection of overhead line clamps. These clamps are exposed to the elements and require consistent insulation to avoid energy loss and hazards. The UV resistance of the silicone pad ensures that it can withstand prolonged exposure to sunlight without degrading, maintaining its protective properties over time.

For insulation protection for exposed metal positions of power conductors, the Self Curing Silicone Pad is the go-to material. It adheres seamlessly to metal surfaces, providing a safeguard against accidental contact and electrical faults. Additionally, the pad can be used for the partial insulation restoration of overhead wires, ensuring that even the most challenging sections of a power line are adequately insulated.

Last but not least, within switchgear, the insulating properties of the Self Curing Silicone Pad prove invaluable. It can be customized to fit the specific dimensions of the bare metal parts within the switchgear, preventing arcing and other electrical hazards that can arise from exposed conductive components.

In conclusion, the Zhonglei Self Curing Silicone Pad serves a critical role in ensuring safety and efficiency in the electrical field. Its self-curing technology, combined with its excellent electrical insulation and good UV resistance, makes it an indispensable tool for a multitude of applications, from busbar insulation to the protection of overhead line clamps and switchgear components.

Customization:

Discover the versatility of Zhonglei's Self Curing Silicone Pad, designed to meet a broad range of applications. Originating from China, this Self Curing Silicone Pad boasts a tensile strength of 5-10 MPa, ensuring durability and resilience for your specific needs. Crafted from high-quality Silicone material, the pad offers a hardness range of Shore A 30-80, providing a perfect balance between flexibility and rigidity.

Opt for a sophisticated and clean appearance with the Self Curing Silicone Pad's clear color, making it suitable for aesthetic or discrete uses. Additionally, enjoy the benefit of good UV resistance, ensuring the pad maintains its integrity and performance when exposed to sunlight. Customize your Self Curing Silicone Pad to meet your exact requirements with Zhonglei, where innovation meets functionality.

Support and Services:

Our Self-Curing Silicone Pad is designed to provide reliable and long-lasting service. For the best experience, please refer to the following technical support guidelines and services:

Product Usage: Ensure that you follow the user manual for instructions on how to properly use and maintain the Self-Curing Silicone Pad. The manual provides detailed steps on operations and safety precautions.

Technical Assistance: If you encounter any technical issues with the product, our technical support team is here to help. We provide guidance on troubleshooting common problems and can assist in diagnosing more complex issues.

Maintenance Support: Regular maintenance is key to the longevity of the Self-Curing Silicone Pad. Our team can provide you with maintenance tips and schedules to keep your product in top condition.

Warranty Service: The Self-Curing Silicone Pad comes with a manufacturer's warranty. If your product is defective or malfunctions within the warranty period, please reach out to us for warranty service details and procedures.

Replacement Parts: In the event that you need replacement parts for your Self-Curing Silicone Pad, we offer a list of compatible parts. Please contact us for information on obtaining these parts according to your model's specifications.

Software Updates: If your product includes software components, we provide regular updates to ensure optimal performance and security. Check our website or contact us for the latest software versions.

For any services not covered here, please feel free to reach out to our support team for further assistance. We are committed to providing you with the highest level of support for your Self-Curing Silicone Pad.

Packing and Shipping:

Product Packaging for Self Curing Silicone Pad: Each Self Curing Silicone Pad is individually sealed in airtight, moisture-resistant packaging to ensure the product maintains its integrity and quality during transit and storage. The packaging is clearly labeled with product information, usage instructions, and expiration date. Care is taken to use materials that provide cushioning and protection from external pressure, reducing the risk of deformation or damage to the pad.

Shipping Instructions for Self Curing Silicone Pad: The Self Curing Silicone Pads are boxed in sturdy, corrugated cardboard boxes to prevent damage during shipping. Each box is filled with protective packing materials to minimize movement and absorb shock. The boxes are sealed with heavy-duty packing tape and labeled with "Fragile" to ensure careful handling. All shipments include a packing slip with the customer's order details and tracking information. We recommend storing the product in a cool, dry place away from direct sunlight until use.

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, including industrial sealing, cushioning, insulation, and vibration damping. It is particularly useful in environments that require a durable and resistant material to temperature changes and chemical exposure.

Q2: Can the Zhonglei Silicone Pad be cut to size?

A2: Yes, the Zhonglei Silicone Pad can easily be cut to any size or shape to fit specific requirements. Its flexibility allows for easy customization without compromising the self-curing properties of the silicone material.

Q3: Is the Zhonglei Self Curing Silicone Pad safe for use in food processing or medical applications?

A3: For use in food processing or medical applications, it is important to ensure that the silicone pad meets the specific regulatory

standards for those environments. Please consult the product specifications or contact customer service to verify if the Zhonglei Silicone Pad is suitable and certified for such applications.

Q4: How does the self-curing feature of the Zhonglei Silicone Pad work?

A4: The Zhonglei Self Curing Silicone Pad is manufactured with a special formulation that allows it to cure at room temperature after being exposed to the air. This curing process enhances the pad's mechanical properties, making it more durable and resilient over time.

Q5: What temperatures can the Zhonglei Self Curing Silicone Pad withstand?

A5: The Zhonglei Self Curing Silicone Pad is designed to withstand a wide range of temperatures, making it suitable for various industrial applications. For specific temperature ratings and resistance information, please refer to the product data sheet or contact customer support for detailed specifications.



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