



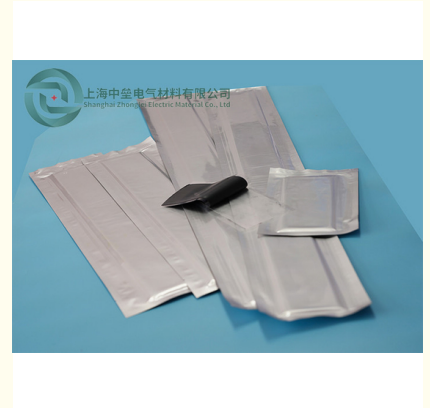
## Silicone Self Curing Waterproofing Pad 1.5 - 2Mpa Tear Strength For Power Conductors

Our Product Introduction

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### Basic Information

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



### Product Specification

- Electrical Insulation: Excellent
- Chemical Resistance: Excellent
- Material: Silicone
- Hardness: Shore A 30-80
- Color: Black
- Self-Curing Time: 24 Hours
- Tear Strength: 1.5~2Mpa
- Elongation At Break: 300-500%
- Highlight: **Silicone Self Curing Waterproofing Pad ,  
Self Curing Waterproofing Pad 2Mpa**

Product Description:

Introducing the innovative **Self Curing Silicone Pad** , a cutting-edge solution meticulously designed to meet the rigorous demands of various electrical insulation applications. This versatile product boasts a self-curing time of just 24 hours, streamlining installation and maintenance processes for professionals in the field. The **Self Curing Silicone Pad** is an indispensable tool for a wide range of uses, including busbar waterproof insulation, electrical connector insulation and waterproofing, and insulation repair for cables. Its applications extend to the sealed and insulated protection of overhead line clamps, providing a robust defense against environmental factors. The pad ensures insulation protection for exposed metal positions of power conductors, safeguarding against potential hazards. Moreover, it can be employed for the partial insulation restoration of overhead wires, as well as for insulating the bare metal parts within switchgear. This versatility makes the **Self Curing Silicone Pad** an essential component in any electrical insulation toolkit. The product's exceptional physical properties include a notable tear strength ranging between 10-30 N/mm, which guarantees durability and resistance against mechanical damage. Its tensile strength is equally impressive, lying within the range of 5-10 MPa. Such robustness ensures that the **Self Curing Silicone Pad** can withstand the stresses of various electrical insulation scenarios without compromising its integrity or performance. One of the standout features of the **Self Curing Silicone Pad** is its customizable size. This versatility allows for tailored applications, ensuring that each pad can be cut to the precise dimensions required for specific projects. This customizability is particularly beneficial for complex or unconventional insulation tasks, where standard-sized materials may not suffice. The use of silicone as the core material for this product provides numerous advantages. Silicone is known for its excellent electrical insulation properties, thermal stability, and resistance to weathering and various chemicals. These traits make the **Self Curing Silicone Pad** suitable for both indoor and outdoor applications, ensuring reliable performance under diverse environmental conditions. Installation of the **Self Curing Silicone Pad** is straightforward and efficient. Its self-curing nature means that no additional curing agents or treatments are required, which substantially reduces preparation time and effort. Once applied, the pad will cure on its own within the stated 24-hour timeframe, forming a secure, insulated seal that upholds the highest safety standards. The **Self Curing Silicone Pad** is an ideal choice for professionals in the electrical, utility, and maintenance sectors. It serves as a quick and reliable solution for emergency repairs and routine maintenance tasks. Its ease of use, coupled with its strong performance characteristics, ensures that it stands out as a superior insulation product in the market. In conclusion, the **Self Curing Silicone Pad** represents a leap forward in electrical insulation technology. Its comprehensive application scope, combined with its impressive physical properties and ease of use, makes it a valuable asset for ensuring safety, efficiency, and reliability in electrical systems. Whether used for insulating new installations or repairing existing infrastructure, the **Self Curing Silicone Pad** is the go-to product for professionals seeking quality and performance.

Features:

- Product Name: Self Curing Silicone Pad
- Self-Curing Time: 24 Hours
- Tear Strength: 1.5~2Mpa
- Chemical Resistance: Excellent
- 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
- Material: Silicone

Technical Parameters:

Para meter	Specification
UV Resist ance	Good
Shelf Life	12 Months
Elong at ion at Break	300-500%

Tensile Strength	1.5~2 MPa
Water-proof	Yes
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
Temperature Resistance	-40~85°C
Self-Curing Time	24 Hours
Hardness	Shore A 30-80
Chemical Resistance	Excellent

## Applications:

The zhonglei Self Curing Silicone Pad is a versatile and high-performing product with multiple applications across various industries. Engineered with robust material properties such as a tensile strength of 1.5~2 MPa, and excellent chemical resistance, this silicone pad is designed to withstand harsh conditions and provide reliable performance. Additionally, with its good UV resistance, the zhonglei pad ensures durability when exposed to sunlight, making it suitable for outdoor applications.

Manufactured in China, the zhonglei Self Curing Silicone Pad boasts a shelf life of 12 months, allowing ample time for transportation, storage, and use without compromising its quality. One of the key features of this product is its self-curing capability, which simplifies installation processes and reduces the need for additional curing agents or equipment. This characteristic makes it particularly useful for on-site repairs and maintenance tasks where time and resources are limited.

Due to its strong physical properties and ease of use, the Self Curing Silicone Pad is ideal for the automotive industry, where it can be used for gasketing, vibration damping, and sealing applications. It's also beneficial in electronics manufacturing, providing insulation and protection for sensitive components against moisture and chemicals. In the construction sector, the zhonglei pad serves as an effective sealant for joints and seams, helping to prevent water ingress and providing acoustic insulation.

The Self Curing Silicone Pad is also suitable for use in harsh industrial environments. Its chemical resistance makes it a reliable choice for chemical processing plants, where it can be used as a sealing material in pipelines and equipment. Additionally, the food and beverage industry can utilize this product due to its safe and non-toxic nature, ensuring that it does not contaminate products during processing or packaging.

Lastly, the Self Curing Silicone Pad can be employed in healthcare settings, where its biocompatibility is essential for fabricating various medical devices. Its ability to maintain integrity in the face of rigorous sterilization processes and its compatibility with different types of medication make it an invaluable resource in medical applications. The zhonglei pad's resilience and adaptability make it a product of choice for professionals across a broad spectrum of fields, seeking reliability and performance in their sealing and insulation needs.

## Customization:

**Brand Name:** zhonglei

**Place of Origin:** China

**Material:** Silicone

**Size:** Customizable

**Self-Curing Time:** 24 Hours

**Elongation At Break:** 300-500%

**Application:** Our Self Curing Silicone Pad is ideal for a variety of applications including 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, and Insulating The Bare Metal Parts Within Switchgear.

Our Self Curing Silicone Pad is designed to meet the rigorous demands of the electrical industry, providing reliable and efficient insulation solutions. The Self Curing Silicone Pad by zhonglei is a top choice for professionals looking for superior performance and durability.

## Support and Services:

The Self Curing Silicone Pad is designed to provide a high-quality solution for a variety of sealing and cushioning needs. For technical support and services, please refer to the guidelines below:

**Installation Guidance:** Our product comes with an easy-to-follow installation manual. Ensure that surfaces are clean, dry, and free of any debris before application. For best results, apply at room temperature.

**Usage Tips:** To maximize the pad's efficacy, apply even pressure during installation and allow the pad to cure for the recommended time period as stated in the manual. Avoid stretching the pad to maintain its integrity and performance.

**Technical Inquiries:** For any technical questions regarding the Self Curing Silicone Pad, please review our FAQ section or access our knowledge base online for detailed information and troubleshooting tips.

**Maintenance Recommendations:** Regular inspection of the pad is recommended to ensure optimal performance. Clean the pad with suitable non-abrasive cleaners to maintain its properties. Avoid contact with sharp objects and chemicals that may compromise the silicone material.

**Warranty Service:** Our Self Curing Silicone Pad comes with a limited warranty. Please consult the warranty documentation provided with your product for detailed information on coverage and claim procedures.

**Disposal Information:** At the end of the product's lifecycle, dispose of the Self Curing Silicone Pad in accordance with local regulations and recycling guidelines to minimize environmental impact.

We are committed to providing exceptional support and services for our products. If you require further assistance, our customer service team is available to help you with any additional information or support needs you may have.

## Packing and Shipping:

**Product Packaging:** Each Self Curing Silicone Pad is carefully enclosed in a protective sleeve to ensure it remains clean and intact during transit. The pad is then placed into a sturdy, custom-fit box designed to minimize movement and prevent deformation. The box is sealed with tamper-evident tape, providing extra security and peace of mind for the customer.

**Shipping:** The packaged Self Curing Silicone Pad is dispatched in a cushioned shipping envelope or box, depending on the quantity ordered, to provide additional protection during shipping. We use trusted courier services to ensure prompt and safe delivery to your doorstep. Tracking information is provided for every order so that you can monitor your package's journey until it arrives.

## FAQ:

**Q1: What is the main use of the Zhonglei Self Curing Silicone Pad?**

A1: The Zhonglei Self Curing Silicone Pad is primarily used for sealing, insulating, and protecting various surfaces. It's ideal for applications requiring a flexible, waterproof, and durable seal.

**Q2: Can the Zhonglei Self Curing Silicone Pad be used in outdoor environments?**

A2: Yes, the Zhonglei Self Curing Silicone Pad is designed to withstand outdoor conditions and provides excellent resistance to weathering, UV rays, and temperature variations.

**Q3: Is the Zhonglei Self Curing Silicone Pad easy to apply?**

A3: Absolutely, the silicone pad is designed for ease of use. It can be cut to size and applied directly to the surface without the need for any additional adhesive or curing agents.

**Q4: What is the curing time for the Zhonglei Self Curing Silicone Pad?**

A4: The curing time may vary depending on environmental conditions such as temperature and humidity. Generally, it begins to cure upon exposure to air and is fully cured within 24 hours.

**Q5: How does the Zhonglei Self Curing Silicone Pad adhere to different materials?**

A5: The Zhonglei Self Curing Silicone Pad has excellent adhesion properties and can bond to a wide range of materials including metals, plastics, glass, and ceramics. It's important to ensure that the surface is clean and dry before application for optimal adhesion.



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