

One Component Bisphenol System Fluorogel Skeleton Oil Seal Adhesive

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Thinkbond
- Model Number: 8
- Minimum Order Quantity: None
- Price: 1-99 usd
- Packaging Details: 25L, 200L
- Delivery Time: 5-15 working days
- Payment Terms: T/T
- Supply Ability: 20T/week



Product Specification

- Classification: Chemical
- Name: Bonding Agent/ Adhesive
- Brand Name: Thinkbond
- Odor: Solvent
- Place Of Origin: China
- Application: Bonding For Rubber And Metal
- Highlight: **Rubber To Metal Adhesive One Component,
Rubber To Metal Bonding Agent Liquid,
NBR Rubber To Metal Bonding Agent**

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Product Description

High Performance One Component Adhesive Rubber to Metal Bonding

Application Field:

ThinkBond 8 is a high-performance, one component adhesive for thermal vulcanization bonding between various rubber and metal and other hard substrates. Can applied to virous rubber to metal, rubber to fiber cords, fabrics such as cellulose, opolyamide, polyester and glass.

Properties:

State : liquid

Shelf life: 12 months

Suitable for NR/NBR/EPDM bonding

Suitable for shock absorbing barrel, NBR+NBR joint docking, peroxide EPDM oil seal

Can effectively improve the customer's production process, reduce the cost of adhesive use, increase production capacity, brush: xylene dilution 1 times the use. Dip coating: Use with xylene diluted 1.5 times.

Application:

Dilute the liquid 4 times with solvent, then dip the skeleton into the diluted adhesive.

Applying Thinkbond:

Agitation: We recommend stir Thinkbond 8 before the application to avoid settle down.

Brushing: Application by brushing is normally undertaken without further dilution, but for coating large areas, dilution with MEK (or the diluent blend shown below) improves flow and speed of application.

Spraying: We recommend an HVLP gun using 1.5 Bar air-pressure and a nozzle size of 1 -1.5mm. For this application we recommend diluting between 50 and 100% v/v.

Roller coating: Dilute to 35 - 45 seconds on a DIN 4 or Ford 4 cup at 25 C for most roller application processes. Dilution with a high boiling solvent like MPA may be necessary to achieve the best finish and to reduce the skinning of the bonding agent in the applicator.

Drying: Dry the film between 10 and 30 minutes at room temperature. If it is necessary to reduce drying time, we recommend to use forced air for 5 minutes at 100°C maximum. Do not use in this stage temperatures above 100°C to avoid adhesive pre-cure. After this process, follow to cure.

Thickness of application layer:

The film obtained by applying Thinkbond 942 is colorless.

The layer thickness must be between 15 and 25 µm.

For severe environments or dynamic fatigue applications, use ≥ 25 microns. Under these conditions it is possible to achieve bonds with no edge-failure after 400 hour salt-spray tests

Parts with Thinkbond 942 already applied can be stored for 30 days prior to cure.


Storage:

Keep container tightly closed during storage and always keep away from heat sources. Store in an environment below 10°C increases the shelf life of the adhesive.


More Thinkbond adhesive :

| Application | Suitable code | Dispersing medium | Advantages |
|---|---------------|-------------------|--|
| Bonding agent for CPU | Thinkbond 42 | Solvent based | Universal bonding agent for CPU; Easy to apply; High bonding activity, Less harm to health. |
| Bonding agent for CPU | Thinkbond 46 | Solvent based | Excellent long-term pre-curing properties; Good resistance of cold and hot water; Cost-effective. |
| Bonding agent for fluorine rubber & silicone rubber | Thinkbond 4S | Solvent based | Environmentally friendly; Diluted with absolute ethanol; Universal applying and can be used for various skeletons. |
| Bonding agent for fluorine rubber & silicone rubber | Thinkbond 3H | Solvent based | Environmentally friendly; Diluted with absolute ethanol; Universal applying for various vulcanization systems fluorine rubber. |







Warehousing and logistics



It has nearly 5,000 square meters of cargo storage area. Eight employees work full-time in warehousing.





Technical support



Making adjustment in the field



Shanghai Lorechem has a professional technical service team, whose members are specialized in polymer materials engineering. They have a wealth of field testing.

Testing in the field



Shanghai LoreChem Co., Ltd. was established in 2008. It is a high-tech enterprise which is dedicated to serve releasing products which involve semi-permanent release agent, anti-sticking, surface lubrication and thermal reactive adhesive. Shanghai LoreChem has been improving product quality for 15 years. The releasing products are mainly applied in rubber, polyurethane and composite industry. The brand of Lubekote for release agent and Thinkbond for adhesive have been registered in China. Both of them are well known in the industry. Shanghai LoreChem's business is all over the domestic and foreign high-end production enterprises by providing professional technical solutions and services. The company's long-term goal is to become one of the best suppliers of release agent in Asia.



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