

Technical Data Sheet
PremierRepak 2207
Neutral Cure Silicone Sealant

PremierRepak 2207 oxime sealant is a non-slump, one-part silicone rubber that cures to a tough, rubbery solid, upon exposure to moisture in the air. This sealant is primarily used as a general purpose sealing and bonding agent as a space-filling rubber adhesive or formed-in-place gasket. PremierRepak 2207 can be used with many materials without the use of a primer and will not react or corrode with common building materials. PremierRepak 2207 adheres to clean metal, glass, most types of non-oily woods, silicone resin, vulcanized silicone rubber, ceramic, natural and synthetic fiber and many painted and plastic surfaces. PremierRepak 2207 exhibits all-temperature gunnability. Consistency is unchanged from -35°F (-37°C) to 140°F (60°C). PremierRepak 2207 is fast cure, with 5 to 10 minutes tooling time and 15 minutes tack-free time. Fully cured, the sealant stays flexible at temperatures between -80°F (-62°C) and 350°F (177°C). 2207 has excellent weatherability in sunlight, rain, snow, ozone or temperature extremes. Cured sealant is mildew resistant.

Applications:

PremierRepak 2207 has excellent adhesion to the following surfaces:

- Glass
- Ceramics
- Cultured Marble
- Granite
- Silicone resin and Vulcanized silicone rubber
- Steel
- Aluminum
- Non-oily woods
- Plastics and fiberglass

Available colors: Black, Clear, and White

Packaging: 10.1 fl.oz. HDPE standard caulk cartridges with foil seal.

Properties and Specifications:

| <u>Method As Supplied</u> | <u>Test</u> | <u>Unit</u> | <u>Result</u> |
|--|---------------------------|--------------|---------------|
| ASTM C679 | Tack Free Time | minutes | Below 60 |
| ASTM C603 | Extrusion Rate | grams / min. | N/A |
| As Cured – After 14 days at 25°C (77°F) and 50 % R.H. | | | |
| ASTM D2240 | Durometer, Shore A | points | 17 to 35 |
| | Hardness | | |
| ASTM D412 | Ultimate Tensile Strength | psi | 140 to 300 |
| ASTM D412 | Elongation at Break | % | > = 200 |

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PREMIERREPAK

Silicone Sealants • Silicone Compounds • Silicone Greases
Anti-Seize Pastes • Aerosol Lubricants • Silicone Fluids
Contract Packaging • Private Label • Turnkey Packaging

Application Instructions:

1. Clean and dry the surface.
2. Cut nozzle to desired opening and puncture inner seal.
3. Apply with caulking gun holding at 45° angle and push sealant ahead of nozzle.
4. Complete tooling immediately after application and before “skin” forms. Remove excess sealant with dry paper towel.
5. Normally, sealant “skins” in 5-10 minutes, dries to touch in 15 minutes and fully cures and bonds in 7-14 days. Optimum strength is achieved in 7-14 days.
6. After sealant is completely cured, wash before use for food applications.
7. Sealant remaining in nozzle will cure. When ready to reuse, remove cured plug from nozzle. Remaining sealant is ready to use. Complete all painting prior to using sealant.

USE ENTIRE CONTENTS WITHIN SIX MONTHS AFTER OPENING.

Shelf Life: 18 months in original, unopened cartridge if stored below 90°F (32°C) in a dry place.

| Joint width x depth | Estimated Usage |
|---------------------|-----------------|
| 1/8" x 1/4" | 48 feet |
| 1/4" x 1/4" | 24 feet |
| 3/8" x 1/4" | 16 feet |
| 1/2" x 3/8" | 8 feet |
| 5/8" x 7/16" | 5.5 feet |
| 3/4" x 1/2" | 4 feet |

Foam backer rod, paper or suitable material is recommended to fill spaces where joint depth is expected to exceed 1/2 inch.

Limitations:

Not recommended for use in the following applications:

- Structural silicone glazing
- Joints where physical abuse or abrasion is likely to be encountered
- Joints in excess of 3/4 inch in width and 1/2 inch in depth
- Prolonged water immersion
- Surfaces or building materials that might bleed oils, plasticizers or solvents
- Totally confined spaces, sealant requires moisture to cure
- Surfaces that will be painted (paint will not stretch with the extensions of the sealant and may crack and peel)
- On wet or frost-laden surfaces
- May discolor sensitive metals such as copper and brass
- May stress-crack polycarbonate
- This product is not tested nor represented as suitable for medical, pharmaceutical or aerospace uses.

LIMITED WARRANTY

- It is the users responsibility to determine the suitability of any PremierRepak LLC product for his intended use or particular production requirement. Because the use of our products is beyond our control, we are not responsible for the results obtained.
- We make no warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose and undertake and accept no liabilities, except as expressly set forth on our product labels. In every case, the Company's liability is limited to replacing such quantities of the product proven to be defective. The Company disclaims any liability for incidental, liquidated labor or any consequential damages arising from the use of products.
- No representative of the Company is authorized to grant any warranty or to waive this limitation of liability.
- The warranty provided herein and the obligation and liabilities of seller thereunder are exclusive and in lieu of and buyer hereby waives all other remedies, warranties, guarantees or liabilities, express or implied, arising by law or otherwise, including without limitation, any obligations of the seller with respect to consequential damages whether or not occasioned by seller's negligence. This warranty shall not be extended, altered or varied except by a written instrument signed by seller and buyer.

PREMIERREPAK
Innovative Ideas...Moving You Forward

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