

**PremierRepak 2203
Glass & Metal Sealant
Technical Data**

PremierRepak 2203 is a one-component RTV (room temperature vulcanizing) acetoxy cure silicone adhesive/sealant designed for sealing glass and metal applications. PremierRepak 2203 cures by reaction with moisture in the air to produce a durable, flexible, silicone rubber. The sealant can be applied at temperatures between -35°F (37°C) and 140°F (60°C). Cured material retains design properties and stays flexible for continuous use in the broad temperature range of -76°F (-60°C) to 350°F (177°C). Cured sealant is resistant to sunlight, ultraviolet radiation, rain, sleet and snow. Dried sealant is mildew resistant.

Applications:

PremierRepak 2203 has excellent adhesion to the following surfaces:

- Glass
- Steel
- Aluminum

Available colors: Clear

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

<u>Properties and Specifications</u>			
<u>Method As Supplied</u>	<u>Test</u>	<u>Unit</u>	<u>Result</u>
ASTM C679	Tack Free Time	minutes	Below 45
	@ 25°C (77°F)		
	50% R.H.		
ASTM C603	Extrusion Rate	grams/min	220 to 525
	(Calculated)		
As Cured – 7 days at 25°C (77°F) and 50 % R.H.			
ASTM D2240	Durometer, Shore A	points	> = 18
	Hardness		
ASTM D412	Ultimate Tensile Strength	psi	> = 170
ASTM D412	Elongation at Break	%	> = 350

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 15 minutes, dries to touch in 20 minutes and fully cures and bonds in 24 hours. Optimum strength is achieved in 7 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: 24 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
- Natural stone
- Copper, lead, galvanized metal
- Porous surfaces such as masonry
- Surfaces or building materials that might bleed oils, plasticizers or solvents
- Impregnated wood, oil based caulks, green or partially vulcanized rubber gaskets or tapes
- Totally confined spaces, sealant requires moisture to cure
- Surfaces sensitive to corrosion by acetic acid vapors (a byproduct of sealant cure)
- Surfaces that will be painted (paint will not stretch with the extensions of the sealant and may crack and peel)
- Bonding to secondary seal of insulating glass units sealed with two-part silicone sealants.
- 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.