

100% RTV SILICONE



NO SHRINK/CRACK



WATER TIGHT



UV RESISTANT

Pro Series® is a high performance 100% RTV silicone with excellent adhesion to marble, granite, engineered stone, quartz, porcelain, ceramic, glass, wood, metal, and fiberglass.

Pro Series® Silicone is ideally suited for creating a waterproof barrier around stainless steel sinks, countertops, backsplashes, and porcelain sinks. Pro Series silicone can also be used as a flexible adhesive for horizontal surface applications.

Pro Series® silicone should not be used on or near copper as it may tarnish the finish. Always test this product in an inconspicuous area for compatibility.

- Glass
- Most Metals
- Some Plastics
- Steel
- Tile
- PVC
- Marble
- Most Types Of Woods
- Most Fiberglass
- Aluminum
- Ceramic
- Porcelain
- Solid Surface Countertops
- Most Painted Substates

NOTES

May cause staining or discoloration of natural stone. Do NOT paint over sealant or apply to porous unsealed masonry surfaces.

DIRECTIONS FOR USE

For best results, surface to be sealed with **Pro Series®** should be clean, dry and free from dust, oil, soap, grease, loose mortar or other contaminants.

1. Cut tip and attach nozzle
2. Cut nozzle at 45° angle to desired bead size
3. Apply with caulking gun
4. Tool immediately to assure positive contact to surface and to achieve a smooth appearance.

Can be used for other various applications depending upon substrate. Test all substrates before use.

- Industrial, Construction
- HVAC
- Appliance Manufacturing
- Refrigeration Units
- Walk-in Freezers
- Sealing Trailers
- Formed In Place Gaskets
- Sheet Metal
- Ductwork
- Countertops
- Kitchen & Bath
- Sanitary Seals
- Plumbing
- Telecommunications Including Coaxial Cable Connectors
- General Sealing & Adhering

FEATURES

- 100% Acetoxy RTV Silicone
- Mold & Mildew Resistant
- Resistant to UV Degradation And Weathering
- Withstands Extreme Cold & Extreme Heat
- 25% Joint Movement Capability
- One-Component, Easy To Use Formulation
- Easy to Extrude At Cold Temperatures
- Non-Slump, Can Use On Overhead & Vertical Applications
- Excellent For Indoor & Outdoor Applications
- Creates A Waterproof Seal

CONFORMS, MEETS & EXCEEDS

- ASTM C920 Class 25, Type S, Grade NS, Use NT, G, O
- TT-S-01543A
- TT-S-00230-C
- MIL 46106B Type 1
- FDA Regulation No. 21 CFR 177.2600
- UL Recognized
- VOC Compliant (23 grams/liter ASTM D2369)

Physical Properties		Result
Viscosity		902,000 cps (Spindle 7, 4rpm)
Skin Formation Time		10 minutes (70°F, 50% RH)
Density		8.5 lbs./gal
Hardness		25 (Shore A)
Extrusion Rate		365 g/min
Tensile Strength		264 psi
Elongation at Break		500%
Application Temperature		-35°F to 150°F
Gun Grade		Pass (Non-Slump)
QUV Testing		Pass (10,000 hrs)
Service Temperature*		-70 °F to 400°F
Typical Cure Rate		24 hrs. (1/8" bead)

*Intermittent temperature up to 450°F. Strength will start to develop immediately and continue increasing for 7 days after application. GranQuartz® recommends testing strength and adhesion on the 7th day. GranQuartz® suggested application temperature range: -35°F to 150°F. Testing should be done to confirm temperature requirements are met. Information on this data sheet can change without notice and it is therefore not recommended that these figures be used in spec writing. If you have any questions contact manufacturer's sales and technical service department.

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COLORS

Pro Series® is readily available in clear, translucent, and white. Contact your local GranQuartz® representative to inquire about additional color availability.

SURFACE PREPARATION All surfaces should be dry and clean. 100% IPA (isopropyl alcohol) or acetone can be used to clean the surface depending on the substrate. DO NOT USE petroleum

CAUTION/SAFETY

Please refer to the SDS for the corresponding product for information regarding safety and handling.

STORAGE

When stored at 70° and 50% RH, *Pro Series®* has a 12 month shelf life from the date of manufacturing.

LIMITATIONS

Do not store at elevated temperatures. Use only on clean surfaces free of contaminants. Cold temperature and low humidity will slow curing. Do not use on porous surfaces such as concrete, mortar or brick. This product is not paintable.

WARRANTY LIMITATIONS

GranQuartz® warrants the performance of this product when used as directed and within one year of purchase. User shall determine the suitability of the product for its intended use and assume all risk and liability in connection therewith. Under no circumstances will GranQuartz or the seller be liable for more than the purchase price of this product.



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