

SUPER SEAL #1277

Multipurpose White RTV Silicone Adhesive/Sealant/Caulker



Features:

- Pressurized packaging eliminates the need for caulking gun
- Temperature range from -76°F to 300°F, intermittently up to 400°F
- Insulates electrical components
- Seals remain watertight
- When fully cured and washed, meets USDA standards

Description:

SUPER SEAL, 100% RTV silicone adhesive/sealant, is a gel-like, one-component material that cures to a tough, rubbery solid when exposed to moisture in the air. SUPER SEAL is ideal for use wherever a strong, permanently elastic, weatherproof seal is needed. It has excellent adhesion characteristics, high chemical resistance and will not sag or shrink due to severe temperature changes. SUPER SEAL offers good resistance to most solvents and oils, and organic and inorganic chemicals. Ideal for gasket making, sealing, caulking, and bonding.



Applications:

- Tubs
- Showers & Sinks
- Ceiling Cracks
- Ventilation Duct Work
- Sign Letters
- Plumbing Fixtures
- Machinery Flanges
- Ceramic
- Low-pressure Pipes
- Walls, Doors, & Windows
- Gaskets
- Electrical Connections

Product Properties:

| Method | Test | Unit | Result |
|--|---------------------------------------|------------|-----------|
| As Supplied | | | |
| ASTM C 679 | Tack-free time at 25°C (77°F), 50% RH | Minutes | 10-20 |
| | Tooling time | Minutes | 5-10 |
| ASTM C 639 | Flow, sag or slump | | Nil |
| As Cured – 7 days at 25°C (77°F) and 50% RH | | | |
| ASTM D 2240 | Durometer Hardness, shore A | Points | 26 |
| ASTM D 412 | Ultimate tensile strength | psi (MPa) | 310 (2.1) |
| ASTM D 624 | Tear strength | ppi (kN/m) | 22 (3.9) |
| ASTM C 794 | Peel strength | pli (kN/m) | 22 (3.9) |
| ASTM C 603 | Extrusion rate | g/min | 370 |

Product Characteristics:

| | |
|-------------------------------|---|
| Appearance: | White paste |
| Odor: | Acetic acid odor |
| Flash Point: | Closed cup: >100°C (>212°F) |
| Relative Density: | 1.007 |
| Temperature Range: | -76°F(-60°C) to 350°F (177°C) |
| VOC: | 31 g/L |
| UL Rating: | USR-CNR-94HB |
| Storage: | Store in original container protected from direct sunlight in a dry, cool, well-ventilated area away from incompatible materials. |
| Transport Information: | |
| Proper Shipping Name: | Aerosols, flammable (each not exceeding 1 L capacity) (1, 1-Difluoroethane). |
| UN Number: | UN1950 |
| Class: | 2.1 |

DOT Placard:



Directions:

Clean and dry surface. Remove oil, grease, dirt and dust from surface. Hold nozzle at a 45° angle and apply a continuous bead of 1/16" to 1/8" in any direction. Sealant normally "skins over" in 5 minutes and dries tack free to the touch in one hour. If spreading or working material is required, do immediately after applying. Paper towels can be used to remove excess. Sealant cures and bonds fully in 24 hours and maximum strength is achieved in 7 days. Sealant is easily trimmed with a sharp tool. Do not destroy bond by undercutting.

Note: Not resistant to gasoline. Do not use for head gaskets.

Pictograms:



Signal Word:

Warning

Personal Protective Equipment Required:

