

## 500°F RTV High Heat Silicone Sealant

Item 76A, 76, 76C, 76CT

- Forms a flexible heat-resistant seal
- Does not require heat to cure
- Cures at room temperature
- For interior or exterior use



### Description:

Rutland 500°F RTV High Heat Silicone Sealant forms a tough rubbery seal. It remains flexible in temperatures up to 450°F continuous and 500°F intermittently.

### Performance Characteristics:

- Remains flexible in high temperatures
- Meets ASTM C920-86

### Recommended Uses:

It may be used around fireplace insert stoves, glass fireplace screens, making solar panel repairs, and applying ceramic tiles. It adheres to glass, metal, most plastics, fiberglass, aluminum, wood, brick and slate. Use anywhere a permanent elastic rubber seal is needed. Will adhere to marble and granite, but test first to ensure compatibility.

### Surface Prep:

Surface must be clean, dry and free of dirt, oil, grease and rust.

### Application:

Remove cap and cut nozzle to desired size opening at an angle. If using cartridge, puncture inner seal and put cartridge in a standard caulking gun. Apply by pushing sealant ahead of nozzle. It cures tack-free in minutes and usually fully cures in 24 hours.

### Coverage:

65 ft of 3/16" bead per 10.3 fl oz. cartridge  
16 ft of 3/16" bead per 2.7 fl oz tube

### Clean up:

Before curing, wipe off surface with clean paper towel or cloth. Dampening the cloth with mineral spirits may be necessary. Once cured, the excess can be removed by cutting or scraping off.

### Typical Physical Properties:

Application Temperature	30°F - 100°F
Flashpoint	Open cup >212°F
Tooling Time	5-10 minutes
Tack-free Time	1 hour
Cure Time	Usually 24 hours
Elongation	400%
Joint movement capability	+25%
Odor	Vinegar-like odor
Color	Black - 76, 76A Clear - 76C, 76CT
Storage/Handling	Store below 90°F

### Limitations:

It can not be painted. Keep out of direct contact with flame. Might corrode zinc, copper, galvanized steel, or brass. Provide ventilation until cured, as a vinegar-like odor is produced.

### Warranty and Limited Remedy:

This product will be free from defects in material and manufacture for a period of eighteen (18) months from date of manufacture. Rutland Fire Clay Company makes no other warranties including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose. User is responsible for determining whether the Rutland Fire Clay Company product is fit for a

particular purpose and suitable for user's application. If this Rutland Fire Clay Company product is defective within the warranty period stated above, your exclusive remedy and Rutland Fire Clay Company's sole obligation shall be, at Rutland Fire Clay Company's option, to replace the Rutland Fire Clay Company product or refund the purchase price of the Rutland Fire Clay Company product.

**Limitation of Liability:**

Except where prohibited by law, Rutland Fire Clay Company will not be liable for any loss or damage arising from this Rutland Fire Clay Company product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory

asserted, including warranty, contract, negligence or strict liability.

**CAUTIONS:**

**Direct contact with uncured sealant irritates eyes and may irritate skin. Overexposure to vapor may irritate eyes, nose and throat. Avoid eye and skin contact. Use with adequate ventilation. Do not handle contact lenses with sealant on hands. In case of eye contact flush with water for at least 15 minutes. Obtain medical attention. In case of skin contact remove from skin and flush skin with water. Sealant releases acetic acid (vinegar-like odor) during cure.**

**KEEP OUT OF REACH OF CHILDREN**