

High Performance Silicone 100% RTV Silicone (Clear) 10.2oz Cartridge

Product Highlights

- 100% RTV Silicone
- Can be Applied at Hot and Cold Temperatures
- Withstands Extreme Cold and Extreme Heat
- 25% Joint Movement Capability
- Resistant to Various Chemicals and Oils
- Non-Corrosive, Non-Conductive
- Flexible, Durable, Non-Degrading
- Withstands Moisture, Vibration, Abrasion
- One-Component Moisture Cure



Common Uses

- Sealing and Bonding Applications.
- Industrial Manufacturing Applications.
- Will bond to Glass, Metal, Ceramic, Most Paints and Most Plastics.

Instructions

Surfaces should be clean and dry. For detached nozzle cartridge, cut the tip off of the cartridge just above the nozzle threads. Thread nozzle onto cartridge and cut the tip off of the nozzle to the required bead size. Dispense by pushing the silicone in the direction of the nozzle with a cartridge dispensing gun. If tooling is required, do so within the first 10 minutes after dispensing. Apply the silicone to surfaces and remove the excess silicone after tooling with a dry clean cloth. Allow the silicone to cure completely. At room temperature, 25C (77F), and 50% relative humidity, the silicone will skin in 10 minutes and fully cure in 24 hours (1/8" bead). The silicone will reach its maximum adhesion in 7 days. Higher humidity accelerates curing.

Specifications

Meets and Exceeds:	ASTM C920, TT-S-00230C, TT-S-001543A, MIL-46106 Type 1
VOC:	VOC Compliant (<3%)
Operating Temperature Range:	-46°C to +204°C (-50°F to +400°F)
Application Temperature Range:	-37°C to +65°C (-35°F to +150°F)
Curing Time (at 21C (70F), 50% RH):	10 min (skin), 24 hours (full cure), 7 days (max adhesion)
Color:	Clear
Viscosity:	582 x10 ³ mPas (cps) (Spindle 7, 4 RPM)
Shore A Hardness:	25
Tensile Strength:	264psi
Elongation:	500%
Size:	308g (10.2oz) Cartridge

Storage and Handling

Store refrigerated or at room temperature 3-25°C (37-77°F).

Shelf Life

>36 months

Transportation

This product has no shipping restrictions. Shipping below 0°C (32°F) or above 25°C (77°F) for normal transit times by ground or air will not impact this product's stated shelf life.