



11100-PREM 100% RTV SILICONE SEALANT

11100 SERIES-PREMIUM 100% RTV Silicone Sealant is a high quality, single-component, 100% silicone sealant that is perfect for interior and exterior sealing and caulking. It adheres to metal, glass, marble, tile, ceramic, porcelain, painted surfaces, non-oily woods, rubber, and many plastics. It can be used as an adhesive for bonding surfaces together. Product will not yellow or discolor in exterior applications.

Key Features and Benefits:

- Cures at room temperature and ambient humidity
- Low temperature flexibility
- High temperature performance
- Excellent weatherability and ozone and chemical resistance
- Excellent electrical insulation properties

Meets or exceeds the following specifications:

TT-S-001543A (COM-NBS) Class A, TT-S-00230C (COM-NBS) Class A, Canadian 19-GP-9MA Type 1 and MIL-A-46106. Meets ASTM C920, Class 25. Conforms to NSF Standard 51.

TYPICAL PROPERTIES

As Supplied

RTV.....	Room Temperature Vulcanizing
Colors...Clear, White, Black, Aluminum, Almond, Blue, Bronze, Translucent White	
Specific Gravity at 77°F (25°C).....	1.04
Extrusion Rate (3.18mm orifice, 90 psi air pressure)g/min.....	350
Flow, Sag, Slump.....	NIL
Application Temperature Range, °F (°C).....	-35 to 140 (-37 to 60)
Tooling Time, Minutes.....	5-10
Tack Free Time, Minutes.....	20
Cure Time at 77°F (25°C and 50% RH (3.18mm thick ness),hrs.....	24

As Cured (7 days)

Durometer Hardness, Shore A, points (ASTM 2240).....	25
Tensile Strength, Mpa (psi)...(ASTM D412).....	4 (350)
Elongation , percent (ASTM D412).....	550
Brittle Point, F (C)...(ASTM D746).....	-62 (-82)
Peel Strength, ppi.....	21.6
Temperature Range:	
Continuous operating temperature, max.....	450°F (232°C)
Intermittent operating temperature, max.....	500°F (250°C)

Equivalent Statement - HI-TEC 100% RTV Silicone will perform equal or superior to these products:

- Dow Corning RTV 732
- GE 100 series, 1200 series
- Dap 08641 Silicone Sealant
- Boss 315 series silicone sealants
- Premier XtraBond 250, XtraBond 150

Warranty and Shelf Life:

Each application should be pre-tested for suitability of this product for the intended use. When stored in the original, unopened container at temperatures less than 90°F (32° C), HI-TEC Hi Temp Silicone is guaranteed for one year from date of purchase.