



ANTI-SEIZE TECHNOLOGY
A.S.T. Industries, Inc.

AST - RTV™ Silicone Adhesive | Sealant | Instant Gasket Product Application Information

Features and Benefits:

- Superior caulking, bonding and sealing qualities
- Easier to use than other gasketing methods
- Fills in small surface defects
- Resists chemicals, temperature extremes, weather, vibration, moisture & ozone
- Will not sag, run off or shrink
- Functions in hundreds of applications as a specialty sealant & flexible adhesive
- Excellent non-conducting characteristics

100% **AST-RTV™ Silicone** is a multi-purpose, single component adhesive sealant, which quickly adheres to most surfaces. It cures in 24 hours to provide a tough, resilient silicone rubber to handle hundreds of applications.

100% **AST-RTV™ Silicone** can be used for gasketing, sealing, bonding, insulating, caulking, encapsulating and coating. This flexible material resists shrinking, cracking, weather, ozone, chemicals, moisture, vibration and extreme temperatures.

Typical Application Temperatures:

Ranging from -85° to +450°F (-65°C to +232°C) (Hi-Temp Red to 500°F (260°C) continuous and 600°F intermittent exposure.

Applications Include:

Gasketing - Making replacements for custom gaskets and seals for all types of motors, transmissions, gear housings, pumps, power tools, machinery, etc. It's better than conventional gaskets because it fills in surface irregularities.

As a **Sealer & Caulk** - use it to seal heating and ventilating ducts. RTV silicone seals cracks or gaps around windows, vents, doors, machinery, truck cabs and trailers, fixtures, lights, walls, bathtubs, sinks, etc. It can be used to waterproof electrical connections and boxes. It will seal out water from compartments in machinery, as well as seal holes where wire tubing or refrigeration lines run through walls.

As a **Flexible Adhesive** - versatile RTV Silicone will easily bond dissimilar materials. Provides excellent adhesion to clean metal, glass, most types of wood, ceramic, porcelain, painted and many plastic surfaces. Attach nameplates and signs to equipment, walls, doors, windows (interior or exterior); it will bond gaskets in heating and refrigeration units.

As a **Specialty Sealant** - RTV Silicone can be used to seal or coat components exposed to moisture, vibration, shock, certain fuels, oils, solvents, chemicals and corrosives for a long period of time. This product can be used as a formed-in place gasket where irregular shapes and harsh conditions reject ordinary seals. It is also effective for repairing electrical insulation, sealing insulators and entrance ports to transformers.

Approvals:

AST -RTV™ Silicone is USDA, UL and NSF approved. Meets FDA Reg.No.21 CFR 177- 2606 and MIL-A46106 Specs. The equivalent of Dow Corning 732 & 736, GE's 102-109, LS800,CSC 1000 series, GM, Ford and Chrysler Specs.

