

SIL-FLEX RTV-7500 (Neutral)

MULTI-SURFACE 1-PART INDUSTRIAL/CONSTRUCTION GRADE SILICONE SEALANT

Sil-Flex (RTV 7500) is a one component, low modulus, neutral cure silicone sealant and adhesive created to bond a wide variety of building materials. When fully cured, this unique VOC compliant formula offers UV stability and tenacious adhesion to pvc, concrete, glass, aluminum, painted surfaces, wood, plywood, stucco, building paper, window wrap, fiber cement, brick, stone, steel, ceramic, porcelain, masonry, plus many other common material surfaces. This product is specifically formulated to offer all weather performance to meet today's Green Building Standards.

FEATURES & BENEFITS

- Multi-Surface
- Excellent Adhesion
- Non-Corrosive
- Low Odor
- 50% Movement Capability
- Permanent Flexibility
- Excellent Weatherability
- Long Life
- VOC Compliant
- Non-Flammable
- Waterproof

CONSTRUCTION & INDUSTRIAL APPLICATIONS

Sealing Openings & Exterior Surfaces	Precast Concrete
HVAC/R	Industrial Gaskets
Plumbing	Transportation Seals
Roofing	Marine Cabins
Kitchen & Bath	Appliance Trim & Parts
Countertops	Interior/Exterior
Sanitary Seals	Above Grade

MEETS SPECIFICATIONS: ASTM C920 Type S, Grade NS, Class 50, TT-S-00230C, TT-S-01543A, MIL-A-46106A, AAMA 808.3, 805.2, 803.3 (Type I), 802.3 (Type II); UL Recognized Component.

AVAILABLE COLORS: Clear, White, Black, Aluminum, Almond, Bronze, Gray, Trans White (custom colors available upon request)

PHYSICAL PROPERTIES

TEST METHOD

PHYSICAL PROPERTIES	TEST METHOD
Cure System	Neutral/Oxime
Movement Capability, %	±50%
Modulus	Low
Physical Properties (Cured)	Rubber
Specific Gravity	1.04
Extrusion Rate, g/min. 1/8" orifice @ 50 psi	500
Temperature Range	-62°F to 400°F
Intermittent Temperature Range	450°F
Accelerated Weathering (10,000 hrs.)	No Change
Skin Over Time (min)	12*
Tack Over Time (min)	25*
Cure Rate	1/8" per 30hrs*
Tensile Strength (psi)	190
Elongation %	650
Durometer Shore A	15
Dielectric Strength kv/mm (v/mil)	20 (500)
Dielectric Constant at 100 Hz	2.7 @ 96
Shelf Life (months)	18
Volatile Organic Content	40 gr./liter

*All properties derived from lab conditions (77° F at 50% relative humidity)

Test results are averages obtained under laboratory conditions. Reasonable variations can be expected.

