

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



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	ASTM C-719
Physical Properties (Cured)	ASTM D-412
Specific Gravity	Rubber
Extrusion Rate, g/min. 1/8" orifice @ 50 psi	1.04
Temperature Range	500
Intermittent Temperature Range	ASTM C-1183
Accelerated Weathering (10,000 hrs.)	Modified
Skin Over Time (min)	-62°F to 400°F
Tack Over Time (min)	450°F
Cure Rate	No Change
Tensile Strength (psi)	12*
Elongation %	25*
Durometer Shore A	1/8" per 30hrs*
Dielectric Strength kv/mm (v/mil)	190
Dielectric Constant at 100 Hz	650
Shelf Life (months)	15
Volatile Organic Content	20 (500)
	2.7 @ 96
	18
	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.

For orders or more information contact:
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Caliber-Supply.com