

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	ASTM C-719
Physical Properties (Cured)	Low
Specific Gravity	ASTM D-412
Extrusion Rate, g/min.	Rubber
1/8" orifice @ 50 psi	1.04
Temperature Range	500
Intermittent Temperature Range	ASTM C-1183
Accelerated Weathering (10,000 hrs.)	-62°F to 400°F
Skin Over Time (min)	450°F
Tack Over Time (min)	No Change
Cure Rate	QUV Weatherometer
Tensile Strength (psi)	12*
Elongation %	MNA Method
Durometer Shore A	25*
Dielectric Strength kv/mm (v/mil)	ASTM C-679
Dielectric Constant at 100 Hz	1/8" per 30hrs*
Shelf Life (months)	190
Volatiles Content	650
	ASTM D-412
	ASTM D-412
	15
	ASTM C-661
	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.

