

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
HVAC/R
Plumbing
Roofing
Kitchen & Bath
Countertops
Sanitary Seals

Precast Concrete
Industrial Gaskets
Transportation Seals
Marine Cabins
Appliance Trim &
Parts
Interior/Exterior
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

Cure System	Neutral/Oxime	
Movement Capability, %	±50%	ASTM C-719
Modulus	Low	ASTM D-412
Physical Properties (Cured)	Rubber	
Specific Gravity	1.04	
Extrusion Rate, g/min. 1/8" orifice @ 50 psi	500	ASTM C-1183 Modified
Temperature Range	-62°F to 400°F	
Intermittent Temperature Range	450°F	
Accelerated Weathering (10,000 hrs.)	No Change	QUV Weatherometer
Skin Over Time (min)	12*	MNA Method
Tack Over Time (min)	25*	ASTM C-679
Cure Rate	1/8" per 30hrs*	MNA Method
Tensile Strength (psi)	190	ASTM D-412
Elongation %	650	ASTM D-412
Durometer Shore A	15	ASTM C-661
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.

