

SIL-FLEX^{FC} RTV-7595

(Neutral)

FAST CURE 1-PART INDUSTRIAL/CONSTRUCTION GRADE SILICONE SEALANT

Sil-Flex^{FC} (RTV 7595) is a one component, low modulus, neutral cure silicone sealant and adhesive. It is chemically formulated to increase production output due to its accelerated skin, tack and full cure times; ideal for fast prototyping, production assembly lines and quick jobsite installations. When fully cured, this unique VOC compliant formula offers UV stability and tenacious adhesion to most common construction substrates. This product is specifically formulated to offer all weather performance to meet today's Green Building Standards.



FEATURES & BENEFITS

- Fast Cure
- 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).

AVAILABLE COLORS: Clear, White, Black, Aluminum (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.	500	ASTM C-1183
1/8" orifice @ 50 psi		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)	6*	MNA Method
Tack Over Time (min)	15*	ASTM C-679
Cure Rate	1/8" per 18hrs*	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)	3	
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.