

SIL-FLEX 7500

MULTI-SURFACE SILICONE SEALANT



Description

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 many common material surfaces. This product is specifically formulated to offer all weather performance to meet today's Green Building Standards

Features & Applications

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

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

Packaging & Case Qty

2.8 oz squeeze tubes	48
10.3 oz cartridges	24
5 gallon pails (4.5 gal)	1
55 gallon drums (52 gal.)	1

Specifications

ASTM C920 Type S, Grade NS, Class 50, TT-S-00230C, TT-S-01543A, MIL-A-46106A, AAMA 808.3, 803.3 (Type II); UL Recognized Component



PHYSICAL PROPERTIES

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	275
Temperature Range	-62 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)	175 min
Elongation %	400 min
Durometer Shore A	20 ± 5
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

TEST METHOD

ASTM C-719
ASTM D-412
ASTM C-1183
Modified
QUV Weatherometer
SILCO Method
ASTM C-679
SILCO Method
ASTM D-412
ASTM D-412
ASTM C-661

Available Colors: Clear, White, Black, Aluminum

Custom: Almond, Bronze, Trans-Gray (more colors available upon request)

*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. Customer testing is recommended prior to full use.