SIL-FLEX^{SL} RTV-7525

(Neutral)

SELF-LEVELING 1-PART INDUSTRIAL/CONSTRUCTION GRADE FLOWABLE SILICONE SEALANT

Sil-Flex^{SL} (RTV 7525) is a self-leveling one component, low modulus, neutral cure silicone sealant and adhesive. When fully cured, this unique VOC compliant formula offers UV stability and tenacious adhesion. It is frequently used for coating electronic components and terminals or sealing pitch pockets and window seams. This product is specifically formulated to offer all weather performance to meet today's Green Building Standards.

FEATURES & BENEFITS

Self-Leveling
Non-Corrosive
Low Odor
25% Movement Capability
Permanent Flexibility
Excellent Weatherability
Long Life
VOC Compliant
Non-Flammable
Waterproof
Excellent Adhesion

CONSTRUCTION & INDUSTRIAL APPLICATIONS

Sealing Openings &
Exterior Surfaces
HVAC/R
Roof Pitch Pockets
Lap Shears/Seams
Coating & Potting Electronics

Concrete Expansion Joints
Glazing & Back Beading
Transportation Seals
Marine Cabins
Appliance Trim & Parts
Interior/Exterior

MEETS SPECIFICATIONS: ASTM C920 Type S, Grade NS, Class 25.
AVAILABLE COLORS: Clear, White, Black, Aluminum, Red (custom colors available upon request)

PHYSICAL PROPERTIES		TEST METHOD
Cure System	Neutral/Oxime	
Movement Capability, %	±25%	ASTM C-719
Modulus	Low	ASTM D-412
Physical Properties (Cured)	Rubber	
Specific Gravity	1.05	
Extrusion Rate, g/min.	610	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)	12*	MNA Method
Tack Over Time (min)	22*	ASTM C-679
Cure Rate	1/8" per 24hrs*	MNA Method
Tensile Strength (psi)	180	ASTM D-412
Elongation %	300	ASTM D-412
Durometer Shore A	20	ASTM C-661
Dielectric Strength kv/mm (v/mil)	20 (500)	
Dielectric Constant at 100 Hz	2.8 @ 60	
Shelf Life (months)	18	
Volatile Organic Content	34 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.