

SIL-FLEX^{HT} RTV-7565

(Neutral)

HI-TEMP 1-PART INDUSTRIAL/CONSTRUCTION GRADE SILICONE SEALANT

Sil-Flex^{HT} (RTV 7565) is a one component, low modulus, neutral cure high temperature silicone sealant and adhesive. This product offers non-corrosive adhesion to many sensitive metals such as copper, foil, brass, zinc and bronze. This product is specifically formulated to offer all weather performance to meet today's Green Building Standards.

FEATURES & BENEFITS

- High Temperature to 500°F
- Non-Corrosive
- Low Odor
- 50% Movement Capability
- Permanent Flexibility
- Excellent Weatherability
- VOC Compliant
- Non-Flammable
- Waterproof
- Excellent Adhesion

CONSTRUCTION & INDUSTRIAL APPLICATIONS

Sealing & Glazing	Flues & Venting
HVAC/R	Ducts Work
Plumbing	Stoves, Ovens & Boilers
Roofing	Transportation Seals
Kitchen & Bath	Bonding Appliance Trim & Parts
Furnace & Fireplace	Interior/Exterior
Smoke Stacks	Above Grade

MEETS SPECIFICATIONS: ASTM C920 Type S, Grade NS, Class 50; TT-S-00230C, TT-S-01543A, MIL-A-46106A, UL Recognized Component.

AVAILABLE COLORS: Red, Black



PHYSICAL PROPERTIES

TEST METHOD

PHYSICAL PROPERTIES	TEST METHOD
Cure System	Neutral/Oxime
Movement Capability, %	±50%
Modulus	Low
Physical Properties (Cured)	Rubber
Specific Gravity	1.05
Extrusion Rate, g/min. 1/8" orifice @ 50 psi	420
Temperature Range	-62°F to 500°F
Intermittent Temperature Range	650°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)	280
Elongation %	360
Durometer Shore A	30
Dielectric Strength kv/mm (v/mil)	20 (500)
Dielectric Constant at 100 Hz	3.3 @ 60
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.

