

# SIL-FLEX<sup>HT</sup> RTV-7565

(Neutral)

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

Sil-Flex<sup>HT</sup> (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.

