

# SIL-BOND RTV-3500 (Acetoxy)

## MILDEW RESISTANT 1-PART INDUSTRIAL/CONSTRUCTION GRADE SILICONE SEALANT

Sil-Bond (RTV 3500) is an exceptional mildew resistant one component room temperature vulcanizing RTV acetoxy cure silicone sealant and adhesive. When fully cured, this product creates waterproof and airtight bonds to metal, steel, tile, fiberglass, ceramic, glass, aluminum, painted surfaces, wood, plywood, marble, plus many other common substrates. It is frequently used for interior sealing applications exposed to high moisture; tubs, baths, countertops, etc. This product is specifically formulated to offer all weather performance to meets today's Green Building Standards.



### FEATURES & BENEFITS

- Mildew Resistant
- Excellent Weatherability
- UV Stable
- Non-Yellowing
- VOC Compliant
- Non-Flammable
- Waterproof
- Excellent Adhesion
- Non-Shrinking

### CONSTRUCTION & INDUSTRIAL APPLICATIONS

Sealing & Glazing	Precast Concrete
HVAC/R	Transportation Seals
Plumbing	Marine Cabins
Roofing	Appliance Trim
Kitchen & Bath	Interior/Exterior
Countertops	Above Grade
Sanitary Seals	

**MEETS SPECIFICATIONS:** ASTM C920 Type S, Grade NS, Class 25; TT-S-00230C, TT-S-01543A, MIL-A-46106A, FDA CFR 177.2600, USDA Approved.

**AVAILABLE COLORS:** Clear, White, Black, Aluminum, Almond, Bronze, Trans Colors (custom colors available upon request)

### PHYSICAL PROPERTIES

### TEST METHOD

Cure System	Acetoxy	
Movement Capability, %	±25%	ASTM C-719
Modulus	Medium	ASTM D-412
Physical Properties (Cured)	Rubber	
Specific Gravity	1.04	
Extrusion Rate, g/min.	370	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)	10*	MNA Method
Tack Over Time (min)	17*	ASTM C-679
Cure Rate	1/8" per 24hrs*	MNA Method
Tensile Strength (psi)	310	ASTM D-412
Elongation %	500	ASTM D-412
Durometer Shore A	26	ASTM C-661
Dielectric Strength kv/mm (v/mil)	20 (500)	
Dielectric Constant at 100 Hz	2.7 @ 60	
Shelf Life (months)	24	
Volatile Organic Content	30 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.