

Sil-Bond (RTV 3500) is an exceptional mildew resistant one component room temperature vulcanizing RTV acetoxycure 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's 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 meet today's green building standards.

Features and Benefits

- Mildew resistant
- Excellent weatherability
- UV stable
- Non-yellowing
- VOC compliant

Applications

Sealing & Glazing
HVAC/R
Plumbing
Roofing
Kitchen & Bath
Countertops
Sanitary Seals

Industrial Gaskets
Precast Concrete
Transportation Seals
Marine Cabins
Appliance Trim
Interior/Exterior
Above Grade

Meets specifications: ASTM C920 Type S, Grade NS, Class 25; TT-S-00230C, TT-S-01543A, MIL-A46106A, FDA CFR 177.2600, USDA Approved.

Available colors: Cameo, Taupe, Trans beige, Trans brown, Trans charcoal, Trans earth tone, Trans gray, Trans white, Aluminum, Black, White, Clear, Almond



PHYSICAL PROPERTIES

TEST METHOD

Cure System	Acetoxycure	
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.



OUR SOLUTIONS AND BRANDS

Our solutions help you ensure you're meeting tight deadlines, staying on budget, and ensuring customer satisfaction. We have the production selection and expertise to save you time and reduce costs. We even have coating and finishing options for companies that do cabinets, too.



- ✓ Countertop seam adhesives
- ✓ Sealants, silicones, and caulks
- ✓ Sink clips and clamps
- ✓ Tapes and other adhesives
- ✓ Tools, such as polishers
- ✓ Blades
- ✓ Accessories such as industrial wipes
- ✓ Safety gear
- ✓ Coating and finishing for cabinets
- ✓ Compressed air systems in MI, OH, and SC



ABOUT ELEVATED

Elevated Industrial Solutions is your trusted partner. We provide compressed air systems and services in South Carolina, Eastern Michigan, and most of Ohio. Plus, we're an authorized Kaeser dealer in each of these areas. Nationwide, we offer assembly tools, coating and finishing systems, and a full range of industrial supplies.

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