

# GEN-SIL RTV-45 (Acetoxy)

## GENERAL PURPOSE 1-PART INDUSTRIAL/CONSTRUCTION GRADE SILICONE SEALANT

Gen-Sil (RTV 45) is a premium general purpose, one component room temperature vulcanizing RTV acetoxy cure silicone sealant and adhesive. When fully cured, this unique VOC compliant formula offers UV stability to form waterproof and airtight bonds to metal, steel, tile, fiberglass, ceramic, glass, aluminum, painted surfaces, plywood, marble, plus many other common substrates. This product is specifically formulated to offer all weather performance to meet today's Green Building Standards.



### FEATURES & BENEFITS

- Mildew Resistant
- VOC Compliant
- Waterproof
- Weather Resistant
- Permanent Flexibility
- Easy Application
- Excellent Adhesion

### CONSTRUCTION & INDUSTRIAL APPLICATIONS

Windows, Doors, Skylights	Industrial Gaskets
HVAC/R	Precast Concrete
Plumbing	Transportation Seals
Roofing	Marine Cabins
Kitchen & Bath	Appliance Trim
Countertops	Interior/Exterior
Sanitary Seals	Above Grade

**MEETS SPECIFICATIONS:** N/A

**AVAILABLE COLORS:** Clear, White, Black, Aluminum, Almond, Bronze, Trans White (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	.97	
Extrusion Rate, g/min.	750	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)	20*	ASTM C-679
Cure Rate	1/8" per 24hrs*	MNA Method
Tensile Strength (psi)	220	ASTM D-412
Elongation %	570	ASTM D-412
Durometer Shore A	17	ASTM C-661
Dielectric Strength kv/mm (v/mil)	20 (500)	
Dielectric Constant at 100 Hz	2.9 @ 60	
Shelf Life (months)	24	
Volatile Organic Content	29 gr./litre	

\*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.