

Devcon Silite RTV®

Silicone Rubber, RTV-1

Devcon

Message:

A Silicone adhesive/sealant compound for sealing, caulking, bonding, and making gaskets.

Intended Use:

Weather-proofing electrical components, caulking plumbing fixtures, sealing glass, and making form-in-place gaskets.

Features:

Flexible from -60°F to 450°F (white & clear)

Moisture curing

Flexible from -60°F to 500°F/ 600°F intermittent (Red)

Resistant to weather and chemicals

General Information			
Features	Good flexibility		
	Good chemical resistance		
	Good weather resistance		
Uses	Electrical/Electronic Applications		
	Washer		
	Sealant		
	Bonding		
	Adhesive		
Agency Ratings	FDA 21 CFR 177.2600		
	MIL A-46106A Group 1, Type 1		
	NSF 51		
Appearance	White		
	Red		
	Clear/transparent		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	30		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	2.76	MPa	ASTM D412
Tensile Elongation (Break)	600	%	ASTM D412
Tear Strength	8.23	kN/m	ASTM D624
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	7.0E+13	ohms · cm	

Dielectric Strength	15	kV/mm	ASTM D149
Dielectric Constant	2.80		ASTM D150
Thermoset	Nominal Value	Unit	
Thermoset Mix Viscosity	300000 - 400000	cP	
Additional Information			
Cured 7 days @ 75°F			

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