



T E C H N I C A L D A T A S H E E T

9732

RTV Silicone Sealant

Product Description

Bostik® 9732 RTV Silicone is a single component, acetic acid cure, industrial sealant that cures to a tough, flexible, rubbery elastomer. Its outstanding weatherability allows the sealant to retain its original adhesion, elongation and tensile strength properties after years of exposure.

Typical Applications

For general purpose bonding, sealing, and fastening:

- Making formed in place gaskets for gear boxes, compressors, or pumps
- Sealing equipment compartments and machinery to prevent water from entering
- Sealing air conditioner units, exterior flashing and duct work
- Bonding brackets, nameplates, and gaskets in industrial applications
- For extended performance at higher temperatures (9732 Red) sealing and encapsulating heating elements in appliances, caulking sheet metal stacks, duct work and housings, sealing pipe joints, and high temperature flues or access doors

Applicable Standards

Bostik® 9732 RTV Silicone Sealant meets requirements of:

- Federal Specification TT-S-00230C, Type II
- Federal Specification TT-S-001543A
- FDA No. 21 CFR 177.2600
- USDA authorized for use in federally inspected meat and poultry plants
- NSF Certified
- Mil-A-46106A, Type I

Clean Up

Uncured Bostik® 9732 RTV Silicone Sealant may be easily removed from hands and tools with Bostik® Hand & Tool Towels. Excess sealant should be dry-wiped from all surfaces and tools while still uncured. Cured sealant can be removed with a sharp blade. Cured sealant is usually very difficult to remove without altering or damaging the surface to which the sealant was applied.

Shelf Life

When stored at or below 80°F (27°C), Bostik® 9732 RTV Silicone Sealant has a 15 month shelf life from date of manufacture.

Limitations

Bostik® 9732 RTV Silicone Sealant does not adhere to brass, copper, magnesium, zinc, galvanized metals or metals containing copper or zinc alloys.



Typical Uncured Properties*

Property	Value
Tack Free Time	<30 minutes
Curing Time @77°F	2-14 days
Flow, Sag or Slump	Nil
Staining	None

Typical Cured Properties*

(after 14 days cure at 77°F (25°C) and 50% RH)

Property	Value
Hardness, Shore A	27
Tensile Strength	350 psi
Elongation	600%
Adhesion in Peel	>25 piw
Stain and Color Change	None
Ozone Resistance	Excellent
Joint Movement Capability	±25%
UV Resistance	Excellent
Temp. Resistance, Constant	-85°F to 500°F (-65°C to 260°C)
	Red to 500°F
Temp. Resistance, Intermittent	Red to 600°F

Typical Electrical Properties*

(after 3 days cure at 77°F (25°C) and 50% RH)

Property	Value
Volume Resistivity, ohm-cm	1.5X10 ¹⁵
Dielectric Strength, volts/mil	550
Dielectric Constant:	
@ 100 Hz	2.8
@ 100 kHz	2.8
Dissipation Factor:	
@ 100 Hz	0.0015
@ 100 kHz	0.0015

* Values given above are not intended to be used in specification preparation.

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