



# SN-501

100% RTV NEUTRAL SILICONE SEALANT



# x'traseal®

## TECHNICAL DATA SHEET

REV: 07

Date: 28 February 2025

### DESCRIPTION

**x'traseal®** SN-501 RTV Neutral Silicone Sealant is one part sealant that offer excellent adhesion, weatherability and elasticity for general glazing and for sealing application.

### FEATURES

- ◆ Comply with ASTM C920-Class 25
- ◆ Comply with AZ/NZS 4020 2005
- ◆ Joint movement capability up to +/- 25 %
- ◆ Neutral, oxime curing system
- ◆ Non corrosive to metals
- ◆ Non corrosive to alkaline substrates
- ◆ Non corrosive to automobiles
- ◆ Outstanding durability
- ◆ One part no mixing
- ◆ Permanently flexible
- ◆ Excellent gunability (-20°C to 50°C)
- ◆ Weather proof
- ◆ Low shrinkage
- ◆ No sagging
- ◆ Primeless adhesion to most materials
- ◆ UV resistance

### USES

- ◆ General glazing: masonry, concrete, ceramics stone, glass, metals, stainless steel, aluminium, most plastics, wood, brick, Zirconium, galvanized iron.
- ◆ General sealing: containers, automobiles, rain water goods, roofing, joints in building and civil engineering.
- ◆ DIY applications: gutter, air-conditioning, sanitary, car, boat and other marine industry uses.
- ◆ Electronics sealing: as sealants in the electrical and electronics industry.

*Due to a large variety of different coatings and substrates, we recommend preliminary compatibility tests prior to application to achieve desirable results*

### NOT RECOMMENDED FOR:

SN-501 is a neutral (oxime) curing silicone. As with other silicone sealants, it is:  
Not for: traffic areas or areas subject to abrasion.  
Not for: paints coating.  
Not for: poly-carbonate or polyacrylate if they under tension.  
Not for: copper materials.



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### JOINT DESIGN

The specified sealant bead size should be calculated to comply with the compression and extension capabilities of the sealant in relation to the anticipated joint width due to expansion and contraction. Generally calculation of the width of kitchen & bathroom sealant bead should be computed on the basis of a maximum  $\pm 30\%$  compression and extension capability minimum bead size should not be less than 3mm to accommodate movement. Design joint depth of which ratio width becomes 0.5 to 1.

Suitable joint depth vs width:

6mm x 6mm  
8mm x 12mm  
10mm x 20mm

- \* Joint size minimum 3mm x 3mm.
- \* Joint size maximum 30mm.

### APPLICATION

- ◆ Surface must be clean and dry.
- ◆ Mask smooth surface to simplify clean up.
- ◆ Use approved back-up material in joint.
- ◆ Cut nozzle to desired size.
- ◆ Insert cartridge into caulking gun.
- ◆ Push sealant ahead for uniform bead.
- ◆ Tool within 5 minutes.
- ◆ Clean off excess sealant with M.E.K. or toluene.

### CURING TIME

SN-501 will tack free in approximately 15 minutes and will cure to a depth of 10mm in 7 days. Longer curing time may be necessary in dry and low humidity area.

### SPECIFICATION

Curing system	Neutral (oxime)
Appearance	Non-sagging paste
Odour	Low oxime smell
Specific gravity	1.02 $\pm$ 0.02
Shore A hardness	20-30
Elongation	500% approx.
Tensile strength	1.4MPa approx.
Tack free time	Within 15 minutes
Application temp.	-20°C to 50°C
Service temp.	-50°C to 150°C
Shelf life	12 months



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### STORAGE

Material should be stored in a dry and cool place between +5°C to +30°C.

### CAUTION

Read and understand material safety data sheet of this product before handling or using.

*This information is provided in good faith and is believed accurate based on a review of current composition and information supplied by vendors. No warranty is expressed or implied. Liability is expressly disclaimed.*

### LIMITED WARRANTY

Mohm Chemical Sdn Bhd provides a 10-year material warranty for its sealants products, contingent upon usage within the product's specified shelf life and in compliance with standard industry application procedures. Mohm Chemical specifically disclaims any liability for indirect or incidental damages arising from improper use. The warranty solely covers the replacement of the product and does not cover any other costs incurred during the warranty process. Valid warranty coverage commences only after Mohm Chemical receives all requisite documentation and issues an official material warranty letter. All warranty claims must be filed in writing directly to Mohm Chemical. Responsibility for the product failure is not assumed by the company until an inspection has been performed by Mohm Chemical's representatives to confirm the failure.



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