

SS 300 Series

Professional Grade Silicone Sealant

Description:

SS 300 Series Silicone Sealant is a medium modulus silicone sealant designed for roofing applications and various joint applications.

Colors:

SS 300 Series Silicone Sealant is available in 3 standard colors:

- White SS 301
- Tan SS 302
- Light Gray SS 303

(Custom colors available upon request at an additional charge, minimum quantities and extended lead times)

Packaging:

SS 300 Series Silicone Sealant is available in 10.0 fl. oz. cartridges.

Weather Restrictions:

SS 300 Series Silicone Sealant should not be applied when temperatures are below 20°F or above 120°F

Storage and Shelf Life:

SS 300 Series Silicone Sealant has a recommended shelf life of 12 months from date of manufacture when stored in unopened containers and between 50°F and 80°F. Refer to product packaging for manufacture date.

Application:

The surface must be clean, dry and free from oils and other contaminants. A thorough wire brushing, grinding, sandblasting or solvent cleaning may be required to expose clean, sound, virgin surface. SS 300 Series is primerless on most common, nonporous building substrates. Consult Progressive Materials, LLC for priming recommendations on other materials.

In all cases, a sample should be tested and/or test joints should be installed on the project to confirm suitability.

Typical Cure Rate:

Cure rate at 77°F and 50% RH:

- A. Tack-free time: 30 minutes to 1 hour
- B. Through cure (3/8" depth): 6-12 hours



Typical Properties

Test Properties	Value	Test Procedure
Dynamic Joint Movement (%)	± 45	ASTM C-719
Elongation (%)	600	ASTM D-412
Tensile Strength (psi)	140	ASTM D-412
Modulus, 100% Elongation (psi)	38	ASTM D-412
Hardness Shore A	25	ASTM C-661
Tack-Free Time (minutes)	60	ASTMC-679
Service Temperature Range (°F)	-50 to +280	PM
Accelerated Weathering, 5000 hrs	Pass	ASTM C-793
VOC (g/L)	<50	ASTM D-3960

Cautions & Recommendations:

SS 300 Series is neither tested nor represented as suitable for medical or pharmaceutical uses. SS 300 Series is not recommended for silicone structural glazing, application in confined areas without proper ventilation, or joints under constant water submersion.

Limited Warranty Information-Please Read Carefully:

The information herein is to assist customers in determining whether this product is suitable for various applications. This product is only intended for sale to industrial and commercial customers. Customers assume full responsibility for quality control, testing and determination of suitability of products for its intended application or use. We warrant that our products will meet our written specifications. We make no other warranty of merchantability of fitness for a particular purpose. Our total liability and customers' exclusive remedy for all proven claims is replacement of nonconforming product and in no event shall we be liable for any other damages, including without limitation to special, incidental, punitive, or consequential damages.

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