

Senta[®]

Technical Data Sheet



Senta 100% RTV Silicone Sealant

Features & Benefits

- 100% Acetoxy RTV (Room Temperature Vulcanizing) Silicone
- Mold & Mildew Resistant
- Resistant to UV Degradation And Weathering
- Withstands Extreme Cold & Extreme Heat
- Remains Flexible in Low & High Temperatures
- One-Component

Conforms, Meets & Exceeds

- ASTM C920 Type S, Grade NS, Class 25
- TT-S-00230-C
- TT-S-01543A
- FDA 21 CFR No. 177.2600
- MIL-A-46106A
- NSF Standard 51
- CE Marked for EN 15651 for Façade, Glazing and Sanitary applications.
- The requirements of VOC content specifications in LEED credit EQc4.1
"Low-emitting products" of SCAQMD rule 1168.

Directions For Use

- Ensure that surfaces to be sealed are clean, dry and grease free.
- The application temperature must be between 40-105°F.
- After the application, the sealant must be tooled with light pressure.

Product Description

Senta 100% RTV Silicone is a one-component, permanently flexible, RTV (Room Temperature Vulcanizing) moisture cure, acetoxy silicone that cures to form an extremely durable rubber that can withstand a variety of extreme environments. Senta 100% RTV Silicone is extremely resistant to degradation, weathering, extreme temperatures and mold and mildew. Senta 100% RTV Silicone can be applied to both vertical and overhead joints without sagging and is easy to extrude at both hot and cold temperatures. It will provide excellent adhesion to most common building materials.

Within 5 minutes to spread the material against the joint surfaces and to obtain a professional finish.

Excess uncured sealant may be cleaned with solvent. Cured sealant can be removed barely mechanically.

0,24 inch joint depth is recommended for joint widths between 0,24 inch to 0,47 inch.

Joint width and depth ratio should be about 2:1.

Address

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Phone

(630) 504-6372





Storage and Shelf Life



- The shelf life is 18 months if stored in unopened-original package in a dry place.
- Temperature must be between 40-105°F.

Surface Preparation



Following cleaning procedure and materials are recommended:

Glass	Degrease with alcohol or MEK
Aluminium, light alloys and stainless steel	Degrease with alcohol or MEK
Other Metals	Lightly abrade then degrease as above
Wood	Lightly abrade surface then remove dust
Plastics	Degrease using an agent recommended by plastics manufacturer

Colors



Senta %100 RTV Silicone is available in clear, white, and translucent white. Additional colors can be available for purchase. Please contact us for additional information.

PROPERTIES

Basis	Silicone Polymer	
Curing System	Acetoxy	
Density	8,28 lbs./gal	(ASTM D 792)
Shore A Hardness	15-25 (after 28 days)	
Skin formation	8-20 min. (70F,50% R.H)	
Curing Rate	: 24 hrs. (1/8" bead)	
Tensile Strength	≥ 215 psi	(ASTM D 412)
Elongation At Break	≥ 350%	(ASTM D 412)
Sagging	0 inch	(ISO 7390)
Application Temperature	40-105 °F	

DISCLAIMER

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.

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