

NovaFlex® Gutter Seal Paste and Gutter Seal Flowable Specification Data



DESCRIPTION

NovaFlex Gutter Seal is a non-corrosive, single-component silicone coating and encapsulating compound. This product is designed for use in gutter application, under decks, patio covers, and carports. It provides a permanent seal for installing or repairing rain carrying systems.

APPLICATIONS

NovaFlex Gutter Seal functions as an adhesive and/or sealant which develops bond to most common substrates without the use of a primer. This ready-to-use, single-component compound is a high-solid, low-odor material, which cures to a low modulus, flexible and durable rubber-like solid.

STANDARDS

50 State VOC Compliant, California Prop 65 Compliant, REACH Compliant

INSTALLATION

As with all single component materials, work life and cure times of NovaFlex Gutter Seal are dependent upon environmental conditions such as temperature, humidity, and application thickness. Adhesion should be checked on small samples prior to full-scale production.

AVAILABILITY

NovaFlex Gutter Seal is available in 10 ounce cartridges and 5 ounce squeeze tubes.

STORAGE

NovaFlex Gutter Seal has a shelf life of eighteen (18) months from the date of manufacture, as indicated by the lot number, when stored in the original, unopened container at, or below, 75°F.

PRECAUTIONS

Consult and obey all applicable local, state, and federal regulations for disposal of solvent and silicone waste. For additional information consult product SDS.

Do not use in or around highly oxidative chemicals such as liquid oxygen, chlorine, or peroxides. Not recommended for surfaces that are to be painted.

LIMITATIONS

Not recommended for: Below water application; Cannot be painted.

PRODUCT SPECIFICATIONS

Paste Products (GS100, GS150, and GS3514)

Physical Property	Test Method	Performance Range
Appearance		Translucent Paste White and Grey Paste
Viscosity	Brookfield #7 @ 10 rpm	350,000 – 800,000 cPs
Skin Over Time	3/8" @ 50% RH & 77°F	5 - 15 minutes
Through Cure	3/8" @ 50% RH & 77°F	24 – 30 hours

Flowable Product (GS20115 and GS250)

Physical Property	Test Method	Performance Range
Appearance		Grey Fluid, Translucent
Viscosity	Brookfield #5 @ 10 rpm Brookfield #5 @ 20 rpm	70,000 – 120,000 cPs 50,000 – 110,000 cPs
Skin Over Time	3/8" @ 50% RH & 77°F	30 minutes max.
Through Cure	3/8" @ 50% RH & 77°F	24 – 30 hours

TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value
Specific Gravity		1.00 – 1.50
Tensile Strength	ASTM D412	150 psi
Elongation	ASTM D412	500%
Hardness	ASTM D2240	20 +/- 5 Shore A
Adhesion Glass Aluminum	ASTM D903	>15 pli >15 pli

*The values outlined reflect testing that was conducted under laboratory conditions, actual results may vary. The information provided in the above table is not intended for use in preparing specifications. Please consult manufacturer for additional information.

ADDITIONAL INFORMATION

Novagard believes that the information provided is a true and accurate description of the typical characteristics of the aforementioned product; however, it is the responsibility of the individual user to thoroughly test the product in their specific application to determine performance, efficacy and safety.