

NovaFlex® Gutter Plus Premium Silicone Sealant Specification Data



DESCRIPTION

NovaFlex Gutter Plus Premium Silicone Adhesive Sealant delivers long-lasting, all-weather protection for gutters, under-decking, downspouts, and roof repairs. Its 100% silicone formula creates a flexible, waterproof seal that won't crack, shrink, or degrade over time. Ideal for metal, vinyl, and wood surfaces, it bonds quickly to seal joints, seams, and small gaps. Mold- and UV-resistant, this fast-curing sealant is perfect for preventing leaks and ensuring durable performance in any season.

APPLICATIONS

NovaFlex Gutter Plus Premium Silicone Adhesive Sealant functions both as an adhesive and a sealant, bonding to most common substrates without the need for a primer. This product is ideal for use in sealing gutter seams and end caps, underdeck panel joints, edge flashings, downspout connections and drain elbows, vents, and small roof repairs.

STANDARDS

50 State VOC Compliant, California Prop 65 Compliant.

INSTALLATION

For best results, surface must be clean, dry, and free from any material that may prevent adequate adhesion. Apply sealant generously and smooth or tool bead if necessary to prevent damming.

As with all single-component materials, the work life and cure times of NovaFlex Gutter Sealant 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 Plus Premium Silicone Adhesive Sealant is available in a 10-ounce cartridge.

STORAGE

NovaFlex Gutter Plus Premium Silicone Adhesive Sealant has a shelf life of twelve (12) months from the date of manufacture, as indicated by the lot number when stored in the original, unopened container at, or below, 75°F (24°C).

PRECAUTIONS

Consult and obey all applicable local, state, and federal regulations for the disposal of solvent and silicone waste. Not suitable for potable water applications. For additional information consult product Safety Data Sheet (SDS).

LIMITATIONS

Not Recommended for: Surfaces that are to be painted. For joints larger than 1/4" x 1/4" or joints continuously submerged under water. Do not use in areas where food is processed or stored. Not suitable for potable water applications. Do not use in or around highly oxidative chemicals such as liquid oxygen, chlorine, or peroxides.

PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range
Appearance		Paste (Translucent, Gray, White)
Viscosity	HB spindle #7 @ 10 rpm	700,000 – 1.5M cps
Skin Over Time	3/8" @ 50% RH & 77°F	5 – 10 minutes

TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value
Specific Gravity	ASTM D1475	1.00 – 1.05
Tensile Strength	ASTM D412	200 – 250 psi
Elongation	ASTM D412	400 – 450%
Hardness (Shore A)	ASTM D2240	20 – 25 pli
Through Cure	3/8" @ 50% RH & 77°F	48 hours
Adhesion Aluminum PVC Wood	ASTM C794	>8.5 pli >12.5 pli >7.5 pli
Lap Shear Adhesion Gutter material	ASTM D1002	90 psi

*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 the manufacturer for additional information.

ADDITIONAL INFORMATION

Novagard believes that the information provided is a true and accurate description of the typical characteristics of the 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.