

NovaFlex® Seam Sealer

Specification Data



DESCRIPTION

NovaFlex Seam Sealer is a custom formulated composition. NovaFlex Seam Sealer is a non-corrosive, single-component silicone sealant that cures upon exposure to atmospheric moisture at room temperature to a rubber-like solid.

APPLICATIONS

NovaFlex Seam Sealer is a self-leveling liquid that is ideal for applications that require the coating to flow into small crevices and hard to reach areas. It may also be used as a horizontal joint sealant and crack filler. When exposed to atmospheric moisture NovaFlex Seam Sealer will cure to a rubber-like solid which will not crack or drop out of joints.

STANDARDS

Meets or exceeds the performance characteristics of AAMA 803.3 (I).

INSTALLATION

As with all single component materials, worklife and cure times of NovaFlex Seam Sealer 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 Seam Sealer is available in 5 ounce squeeze tubes.

STORAGE

NovaFlex Seam Sealer 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.

LIMITATIONS

Not recommended for: Joints continuously submerged under water; Areas needing paint or stain; Spaces confined from atmospheric moisture during cure; On surfaces that might bleed oils, plasticizers, or solvents; In structural glazing applications.

PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range
Appearance		Varies
Viscosity	RVT Spindle #7 @ 20 rpm RVT Spindle #7 @ 10 rpm	70,000 – 110,000 cps 100,000 – 135,000 cps
Skin Over Time	3/8" @ 50% RH & 77°F	5-15 minutes
Through Cure	3/8" @ 50% RH & 77°F	24 – 30 hours

TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value
Specific Gravity		1.10 – 1.20
Tensile Strength	ASTM D412	200 psi
Elongation	ASTM D412	250%
Shore Hardness	ASTM D2240	25 +/- 5
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.