

NovaFlex® Seam Sealer

Specification Data



DESCRIPTION

NovaFlex Seam Sealer is a single-component, neutral cure silicone sealant. This non-corrosive formula cures upon exposure to atmospheric moisture at room temperature to a rubber-like solid, which will not crack or drop out of joints.

APPLICATIONS

NovaFlex Seam Sealer is a semi-flowable sealant that is ideal for applications that require the coating to flow into small crevices and hard-to-reach areas. It can be used for sealing rivets, gutters, corner joints, and screw heads. It may also be used as a horizontal joint sealant and crack filler. Please note - due to the flowable nature of Seam Sealer, it may not be suitable for use on vertical joints unless tooled immediately after application.

STANDARDS

Meets or exceeds the performance characteristics of AAMA 803.3, Type II.

INSTALLATION

As with all single component materials, work life 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 10 ounce cartridges, 3 ounce squeeze tubes, and 55G drums.

STORAGE

NovaFlex Seam Sealer 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.

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.

VOC CONTENT

NovaFlex Seam Sealer Sealant has typical VOC Content of 35.7 g/l (3.4%). 50-state VOC Compliant (<4%).

TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value
Specific Gravity		1.05 – 1.20
Tensile Strength	ASTM D412	200 psi
Elongation	ASTM D412	250%
Shore Hardness	ASTM D2240	20 +/- 5
Tack Free Time	ASTM C679 @ 50% RH & 77°F	<45 minutes
Through Cure	3/8" @ 50% RH & 77°F	24 – 48 hours
Skin Time	3/8" @ 50% RH & 77°F	<30 minutes
Application Temperature		-40°F to 400°F
Service Temperature		32°F to 160°F
Adhesion Glass Aluminum	ASTM C794	>5 pli >5 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.

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.

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.