

NOVAFLEX^{SILICONE}

FS5000 Frame Sealant



NovaFlex FS5000 Frame Sealant is a neutral cure, single component, architectural grade silicone sealant. This advanced formula is applied as a paste and will cure at ambient temperatures to form a durable and flexible silicone rubber seal that ensures the building envelope is protected.

FS5000 is formulated for internal frame sealing of curtainwall and window wall as well as general glazing in building facades. It offers excellent durability and is unaffected by UV, ozone, rain, snow, or temperature cycling from -40°F to 400°F (-40°C to 204°C).

- **Fast skin time to allow for quicker movement of units**
- **No primer needed for most substrates**
- **Easily gunned in both cold and hot environments**
- **UV stable**
- **No solvents or odor** (50 state VOC compliant)
- **Waterproof**
- **Will not shrink or crack**
- **Permanently flexible**
- **Will not sag or slump**
- **Architectural Grade**
- **Class 50**

Applications: High performance weatherproofing & frame sealing, field glazing, and sealing perimeter joints on windows, doors, curtainwalls, window walls, and building facade assemblies.

Packaging: 10 oz plastic cartridges, 20 oz foil sausages, and 55 gallon drums

Colors: White, bronze, black, gray, and tan. Contact your Novagard rep for custom colors.

NOVAGARD[®]
Performance Silicones



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TYPICAL PROPERTIES - Uncured*

Physical Property	Test Method	Performance Range
Appearance		Paste (Various Colors)
Extrusion Rate	1/8" Orifice @ 50 psi	78 grams/minute
Skin Over Time	3/8" @ 50% RH & 77°F	< 45 min
Tack Free Time	ASTM C679 @ 50% RH & 77°F	< 1 hour
Slump/Sag	ASTM D2202	0.1"

TYPICAL PROPERTIES - Cured*

Physical Property	Test Method	Typical Value
Tensile Strength	ASTM D412	150 - 300 psi
Elongation	ASTM D412	400 - 900%
Hardness (Shore A)	ASTM D2240	25 - 35
Joint Movement	ASTM C719	+/- 50
Service Temperature		-40°F to 400°F (-40°C to 204°C)
Application Temperature		-20°F to 160°F (-29°C to 71°C)
Adhesion Glass Aluminum	ASTM C794	>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.

SWRI SEALANT · WATERPROOFING & RESTORATION INSTITUTE

Issued to: Novagard Solutions
 Product: NovaFlex FS5000 Frame Sealant
 C719: Pass Ext:+50% Comp:-50%

Substrate: Unprimed Glass and Unprimed Aluminum

Validation Date: 09/09/25 - 09/08/30

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SEALANT VALIDATION
www.swrionline.org

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