

NOVAFLEX[®]

Ultra-Low Migration High Impact Glazing Sealant

Engineered to prevent any harm from coming to the IG secondary seal, NovaFlex Ultra-Low Migration High Impact Glazing Sealant develops a sure bond to most substrates and offers extremely high tensile strength to provide the longest lasting seal possible for high impact windows. Combines all the performance of our high impact glazing sealant with low migration to protect the IG secondary seal and other components.



- High tensile strength
- Low reactivity
- Developed for systems looking to achieve Florida Product Approval, HVHZ, or Miami Dade NOA
- Excellent chemical resistance
- Excellent UV resistance
- Deep section cure
- Excellent adhesion to various substrates
- High elongation



NovaFlex Ultra-Low Migration High Impact Glazing Sealant is a non-corrosive, single-component, neutral cure silicone. A non-flowable paste, it is designed to have ultra-low plasticizer migration. This protects the IG and other window components from attack and degradation and conforms to the new recommendation of IG manufacturers on all Impact Window fabrication to ensure a long-lasting seal.

Ultra-Low Migration High Impact Glazing Sealant was developed for window systems seeking to achieve Florida Product Approval, HVHZ, Miami Dade NOA, and other glazing applications requiring high tensile strength.

NovaFlex Ultra-Low Migration High Impact Glazing Sealant presents an excellent balance between rate of cure and physical properties. It emits a lower odor than conventional acetoxycured silicones.

NovaFlex Ultra-Low Migration High Impact Glazing Sealant functions as an adhesive sealant which develops a bond to most common substrates without the use of a primer. This ready-to-use, single component compound is typically used as an adhesive to bond dissimilar materials, as a sealant for creating formed-in-place gaskets, or a multitude of other applications.

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PERFORMANCE SILICONES

Novagard offers a complete line of **window & door sealants**

Qwik-Set Low Migration Glazing Sealant

Qwik-Set Low Migration Portable Glazing Sealant

NovaFlex Pro Premium Adhesive Sealant

Multi-Purpose Adhesive Sealant

Beaded Glazing / Bedding Compound

High Impact Glazing Sealant

Ultra-Low Migration Glazing Sealant

Ultra-Low High Impact Glazing Sealant

Seam Sealer

Void & Cavity Filler

NovaBond Pro Premium Hybrid Sealant (Paintable)

NOVAGARD®
PERFORMANCE SILICONES

5109 Hamilton Avenue
Cleveland, OH 44114 USA
(216) 881-8111 | (800) 380-0138
novagard.com

ISO 9001:2015 QMS (with Design)
IATF 16949:2016 QMS (with Design)
Certified Women's Business Enterprise

NOVAFLEX

Ultra-Low Migration High Impact Glazing Sealant



PRODUCT SPECIFICATIONS		
Physical Property	Test Method	Performance Range
Appearance		Paste (Various Colors)
Viscosity	Brookfield #7 @ 10 rpm	5,000 – 15,000 poises
Extrusion Rate	1/8" Orifice @ 50 psi	30 – 60 grams/minute
Skin Over Time	3/8" @ 50% RH & 77°F	5 – 10 minutes
Through Cure	3/8" @ 50% RH & 77°F	48 hours (28 days for OEM window applications)

TYPICAL PROPERTIES *		
Physical Property	Test Method	Typical Value
Specific Gravity		1.05 – 1.10
Tensile Strength	ASTM D412	450 psi
Elongation	ASTM D412	450%
Tear Resistance	ASTM D624	30 – 35 pli
Hardness (Shore A)	ASTM D2240	34 – 45
Joint Movement	ASTM C719	+/- 50
Adhesion Glass Aluminum Wood	ASTM D903	14 – 18 pli 14 – 18 pli 14 – 18 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.



Proudly made in Cleveland, OH

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