

NOVAFLEX[®]

High Impact Glazing Sealant

A cost effective alternative to competitive two-part sealants, structural tapes, and windshield urethanes, NovaFlex High Impact Glazing Sealant is a one-part neutral cure silicone with excellent adhesion to numerous substrates, formulated for impact protection and blast resistance.



- Neutral cure silicone
- High elongation
- Non-corrosive formulation
- Excellent chemical resistance
- Deep section cure
- Excellent adhesion to window and door substrates
- Utilized in window fenestration for impact resistant systems
- Developed for systems looking to achieve Florida Product Approval, HVHZ, or Miami Dade NOA



NovaFlex High Impact Glazing Sealant is a non-corrosive, single-component, neutral cure silicone. This sealant cures upon exposure to atmospheric moisture, at room temperature, to a rubber-like solid.

NovaFlex High Impact Glazing Sealant is specially formulated to retain its physical properties even during service in extreme environmental conditions.

NovaFlex High Impact Glazing Sealant is a smooth paste that is ideal for applications that require superior bond strength and moisture resistance.

It is designed primarily for window and door frame assembly and glazing and back-bedding for impact-resistant window and door systems. NovaFlex High Impact Glazing Sealant was developed for window systems seeking to achieve Florida Product Approval, HVHZ, and Miami Dade NOA. It is well suited to perform within many arenas.

NOVAGARD[®]
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

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

NOVAFLEX

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	Novagard 10-10-50	40 grams/minute minimum
Skin Over Time	3/8" @ 50% RH & 75°F	5 – 15 minutes
Through Cure	3/8" @ 50% RH & 75°F	48 hours (28 days for OEM window applications)

TYPICAL PROPERTIES *		
Physical Property	Test Method	Typical Value
Slump (Flow)	ASTM D2202	0.3" maximum
Specific Gravity		1.00 – 1.50
Tensile Strength	ASTM D412	300 – 500 psi
Elongation	ASTM D412	300 – 600%
Hardness (Shore A)	ASTM D2240	20 minimum
Joint Movement	ASTM C920	+/- 50
Adhesion Glass PVC Wood	ASTM D903 7 days @ 50% RH & 75°F	20 pli minimum 20 pli minimum 20 pli minimum

*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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