- Neutral cure silicone
- High elongation
- Non-corrosive formulation
- Excellent chemical resistance
- High tensile strength
- Deep section cure
- Excellent adhesion to various substrates
- Utilized in window fenestration for impact resistant systems
- Miami-Dade approved
  (Part of impact resistant systems for windows)

VOC COMPLIANT ENVIRONMENTALLY RESPONSIBLE

CALIFORNIA PROPOSITION 65 COMPLIANT

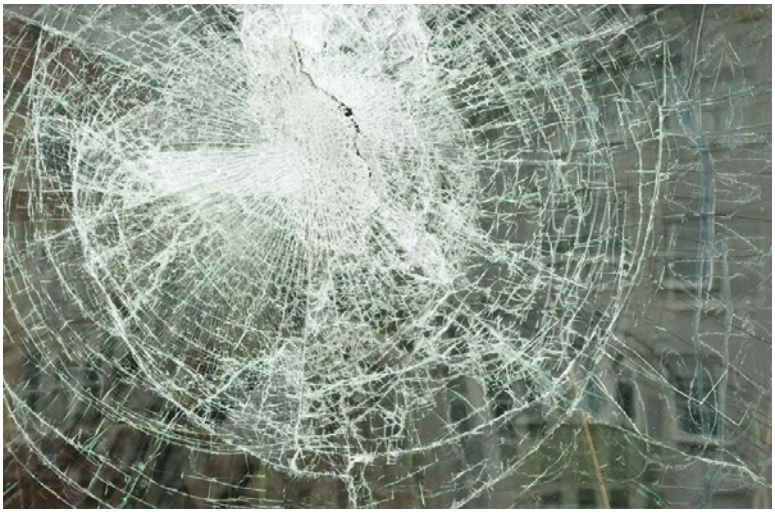
REACH COMPLIANCE

AAMA VERIFIED

NOVAFLEX SILICONE

High Impact Glazing Sealant

NovaFlex High Impact Glazing Sealant is a one-part neutral cure silicone sealant/adhesive that offers excellent adhesion to numerous substrates including plastics and glass. It is formulated to impact protection and blast resistance. It is a cost-effective alternative to competitive two-part sealants, structural tapes, and windshield urethanes.



Recommended for Sealing: Form-in-place gaskets and seals and bonding dissimilar substrates.

Adheres to:

- Plaster	- Stucco	- Brick
- Metal	- Wood	- Vinyl
- Glass	- Aluminum	

Not Recommended For: Joints continuously submerged under water; Areas needing paint or stain.

Color Match: NovaFlex High Impact Glazing Sealant is available in 4 industry standard colors (translucent, white, gray, and black) for major window and door manufacturers.

M4155 TRANSLUCENT	M400 WHITE	M418 GRAY	M410 BLACK

Colors shown for illustrative purposes. Verify product color match before applying.

Made in USA. Professional Grade.

NOVAFLEX SILICONE
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%
Shore Hardness	ASTM D2240	20 minimum
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. Please consult manufacturer for additional information.

Packaging Information: NovaFlex High Impact Glazing Sealant is available in 10 ounce cartridges.

Specifications: Meets or exceeds the performance characteristics of AAMA 802.3, 805.2 Group C, and 808.3 Type I.

Disposal: Consult and obey all applicable local, state, and federal regulations. For additional information, consult product Safety Data Sheet.

Precautions: Do not use in or around highly oxidative chemicals such as liquid oxygen, chlorine, or peroxides. Not recommended for surfaces that are to be painted.

Professional Grade

TECHNICAL INFORMATION

Appearance: Smooth paste

Application Temperature: -20°F to 160°F (-29°C to 71°C)

Service Temperature: -40°F to 400°F (-40°C to 204°C)

Adhesion: Excellent to most common building materials

Consistency: Non-sag

Coverage: 28 linear feet using a 1/4" bead or 14 linear feet using a 3/8" bead

Gunning Extrusion: Easy to gun

Flexibility: Remains flexible to -40°F

Water Resistance: Excellent. Not recommended for joints continuously submerged under water.

Exterior Weathering: Excellent

Aging: Excellent

Not Recommended: Joints continuously submerged under water; Areas needing paint or stain.

Freeze-Thaw Stable: Will not freeze

Odor: None (less than 34 g/l (<4% by weight). VOC compliant in all 50 states.

Skin Time: 5 - 15 minutes (75°F/50% RH)

Cure Through Time: < 24 hours (75°F/50% RH)

NOVAGARD
SILICONE | HYBRIDS | FOAM

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

Proudly made in Cleveland, Ohio

Effective Date: Sep 2020-v1.7