



# NOVAFLEX

Multi-Purpose Adhesive Sealant

## Silicone

- Excellent adhesion
- Permanently flexible
- Extrudes to -20°F
- Adheres to:
  - Vinyl Siding
  - Fiber Cement Siding
  - Metals
  - Wood
  - Masonry
  - PVC
  - PVDF
  - Common Construction Materials



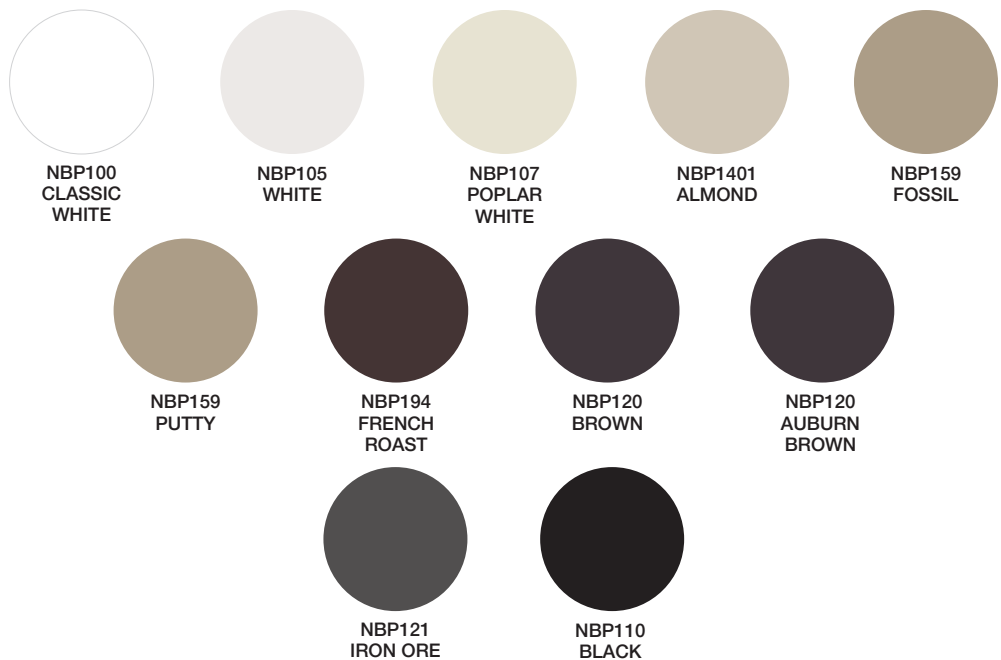
# NOVABOND

Hybrid Construction Sealant



## Hybrid

- Excellent adhesion
- Permanently flexible
- Extrudes to -10°F
- Adheres to:
  - Metals
  - Wood
  - Masonry
  - PVC
  - PVDF
  - Asphalt Shingles
  - Common Construction Materials



Colors shown for illustrative purposes. Verify product color match before applying.  
Made in the USA. Professional Grade.



**Easily Gunned at all Temperatures**  
 - Weatherproof plastic cartridges w/removable tips  
 - Excellent tooling properties

**VOC Compliant in all 50 States (Green Building Compliant)**  
 - Low odor & solvent free

**AAMA Verified for Window Installs**  
 - Will not freeze  
 - 18 month shelf life  
 - Available in all major siding, trim coil, and window manufacturer colors



Novagard offers a complete line of **installation sealants**

Metal Roof & Panel Adhesive Sealant

Multi-Purpose Adhesive Sealant

Gutter Seal (paste & flowable)

Hybrid Construction Sealant

Textured Hybrid Construction Sealant

Silicone Tile Adhesive & Grout

Expansion Joint Sealant

Pitch Pocket Penetration Sealant

Fibered Roof Mastic

Butter Grade Mastic

Metal Roof Repair & Patch Mastic



### NovaFlex Multi-Purpose Adhesive Sealant

APPEARANCE	Paste Various Colors
VISCOSITY (Poises) (Brookfield #7 @ 10 rpm)	<b>3,500 - 7,000</b> Type I/Class 35 <b>4,500 - 8,000</b> Type II/Class 50
EXTRUSION RATE (grams/minute)	<b>30 - 80</b> 1/8" Orifice @ 50 psi
SKIN OVER TIME (3/8" @ 50% RH & 77°F)	<b>5 - 10 min</b>
THROUGH CURE (3/8" @ 50% RH & 77°F)	<b>48 hours</b>
SLUMP (Flow)	<b>no slump</b>
SPECIFIC GRAVITY	<b>1.00 - 1.05</b> Type I/Class 35 <b>1.15 - 1.25</b> Type II/Class 50
TENSILE STRENGTH (ASTM D412)	<b>140 - 200 psi</b> Type I/Class 35 <b>170 - 220 psi</b> Type II/Class 50
ELONGATION (ASTM D412)	<b>500 - 650%</b> Type I/Class 35 <b>800 - 1,000%</b> Type II/Class 50
TEAR RESISTANCE (ASTM D624)	<b>30 - 35 pli</b>
SHORE HARDNESS ASTM D2240	<b>20 +/- 5</b> Type I/Class 35 <b>25 +/- 5</b> Type II/Class 50
SERVICE TEMPERATURE	<b>-40°F to 400°F</b> (-40°C to 204°C)
APPLICATION TEMPERATURE	<b>-20°F to 160°F</b> (-29°C to 71°C)
ADHESION (ASTM D903)	<b>12 - 15 pli</b> GLASS <b>10 - 14 pli</b> ALUMINUM <b>12 - 15 pli</b> VINYL
JOINT SEALANT DESIGNATION ASTM C920	Type S, Grade NS Class 35/50 Use NT, M, G, A, O

### NovaBond Hybrid Construction Sealant

APPEARANCE	Paste Various Colors
VISCOSITY (Poises) (Brookfield #7 @ 10 rpm)	<b>≥ 3,000</b>
EXTRUSION RATE (grams/minute)	<b>≥ 50</b> 1/8" Orifice @ 50 psi
SKIN OVER TIME (3/8" @ 50% RH & 77°F)	<b>10 - 45 min</b>
THROUGH CURE (3/8" @ 50% RH & 77°F)	<b>7 days</b>
SLUMP (Flow)	<b>no slump</b>
SPECIFIC GRAVITY	<b>1.40 - 1.50</b>
TENSILE STRENGTH (ASTM D412)	<b>200 psi</b>
ELONGATION (ASTM D412)	<b>400%</b>
TEAR RESISTANCE (ASTM D624)	-
SHORE HARDNESS ASTM D2240	<b>40 +/- 5</b>
SERVICE TEMPERATURE	<b>-30°F to 200°F</b> (-34°C to 93°C)
APPLICATION TEMPERATURE	<b>-10°F to 160°F</b> (-23°C to 71°C)
ADHESION (ASTM D903)	<b>13 pli</b> GLASS <b>15 pli</b> ALUMINUM <b>15 pli</b> WOOD <b>14 pli</b> PVC
JOINT SEALANT DESIGNATION ASTM C920	Type S, Grade NS Class 35 Use NT, M, G, A, O

#### Permanently Flexible

- Will not shrink or crack
- Waterproof
- Mold/Mildew resistant
- Superior UV resistance

#### Interior & Exterior Applications

- Excellent adhesion to most building substrates
- Will not sag or slump
- Tack-free in 10 minutes
- Completely cured within 48 hours

#### Paintable in 1 Hour

- Permanently flexible
- Will not shrink or crack
- Waterproof
- Mold/Mildew resistant
- UV resistant



#### Interior & Exterior Applications

- Excellent adhesion to most building substrates
- Tack-free in 10-45 minutes
- Completely cured within 5-7 days

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.

Proudly made in Cleveland, OH  
 Effective Date: Dec 2022-v1.1

# NOVAGARD

5109 Hamilton Avenue, Cleveland, OH 44114 USA  
 (216) 881-8111 | (800) 380-0138  
 (216) 881-6977 F  
 novagard.com

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