- Great for exterior and interior sealing
- Permanently flexible
- Will not shrink or crack
- Waterproof
- Mold/mildew resistant
- Superior UV resistance
- Excellent adhesion to most building substrates
- Will not sag or slump
- Completely cured within 48 hours
- Tack-free in 10 minutes
- Excellent tooling properties
- No solvents or odor (50-state VOC compliant)
- Will not freeze

To purchase contact us at:
1203 Goldsmith Road, Paragould, AR 72450
***870-586-0703** (office) \ **870-586-0643** (fax)*
***800-537-4160** (toll free)*
www.lakeside-fasteners.com

LAKESIDE™
CONSTRUCTION FASTENERS

VOC COMPLIANT ENVIRONMENTALLY RESPONSIBLE
CALIFORNIA PROPOSITION 65 COMPLIANT
AAMA VERIFIED

NOVAFLEX SILICONE
Metal Roof & Panel Adhesive Sealant

NovaFlex Metal Roof & Panel Adhesive Sealant is a non-corrosive, single-component, oxime-cured, silicone sealant and/or adhesive. This product is a general purpose compound that is used most frequently as a seam sealant or joint filler in metal roof or panel systems.

NovaFlex Metal Roof & Panel Adhesive Sealant is a single-component, high-solid, low-odor material. It cures to a medium modulus, flexible, and durable rubber-like solid. NovaFlex Metal Roof & Panel Adhesive Sealant will develop primerless adhesion to most common construction substrates, and the neutral cure is compatible with most materials.

Recommended for Sealing: Metal siding/metal roofs, gutters, wood, steel, chimney flashing, snow guards, pipe boots, and downspouts/trim.

Adheres to:

- Lap Joints
- Pipe Boots
- Trim
- Copper (exposed areas)
- Metal Siding
- Metal Roof
- Metal Panels
- PVC/PVDF
- Snow Guards
- Single-Ply
- Gutters
- Aluminum
- Stucco
- Roof Flashing
- Downspouts
- Roof Tile
- Termination Bars

Color Match
NovaFlex Metal Roof & Panel Adhesive Sealant is color matched to over 70 industry standard colors for major siding, trim coil, window, and metal roof manufacturer colors.

Visit novagard.com/color-match-product/metal-roof/ for our metal roof manufacturer color cross reference tool.

Also available in 20 oz sausage and 5 gal. Pails!

Made in USA. Professional Grade.

TECHNICAL INFORMATION

Appearance: Colored 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

Bridging Ability: Excellent, bridges gaps to 3/8"

Gunning Ability: Easy to gun

Durability: +/- 35-50% depending on color/formulation

Flexibility: Very good to -10°F

Water Resistance: Good, not to be submerged

Exterior Weathering: Excellent

Aging: Excellent

Not Recommended: For surfaces that are to be painted, for joints submerged under water

Freeze-Thaw Stable: Will not freeze

Odor: None

Skin Time:
40 minutes (40°F/40% relative humidity)
10 minutes (75°F/50% relative humidity)
5 minutes (95°F/95% relative humidity)

Cure Through Time:
48 Hours (75°F/50% relative humidity)
(14 days for OEM window applications)

Solids: 97%

Flash Point: 400°F (204°C)

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CONSTRUCTION FASTENERS

9-2023_V3

NOVAFLEX
Metal Roof & Panel Adhesive Sealant

PRODUCT SPECIFICATIONS			
Physical Property	**Test Method**	**Performance Range Type I - Class 35**	**Performance Range Type II - Class 50**
Appearance		Paste (Various Colors)	Paste (Various Colors)
Viscosity	Brookfield #7 @ 10 rpm	3,500-7,000 poises	4,500-8,000 poises
Extrusion Rate	1/8" Orifice @ 50 psi	30 - 80 grams/minute	30 - 80 grams/minute
Skin Over Time	3/8" @ 50% RH & 77°F	5 - 10 minutes	5 - 10 minutes
Through Cure	3/8" @ 50% RH & 77°F	48 hours (14 days for OEM window applications)	48 hours (14 days for OEM window applications)

TYPICAL PROPERTIES*			
Physical Property	**Test Method**	**Typical Value Type I - Class 35**	**Typical Value Type II - Class 50**
Specific Gravity		1.00 - 1.05	1.15 - 1.25
Tensile Strength	ASTM D412	140 - 200 psi	170 - 220 psi
Elongation	ASTM D412	500 - 650%	800 - 1000%
Tear Resistance	ASTM D624	30 - 35 pli	30 - 35 pli
Shore Hardness	ASTM D2240	20 +/- 5	25 +/- 5
Service Temperature		- 40°F to 400°F (- 40°C to 204°C)	- 40°F to 400°F (- 40°C to 204°C)
Joint Sealant Designation	ASTM C920	Type S Grade NS Class 35 Use NT, M, G, A, O	Type S Grade NS Class 50 Use NT, M, G, A, O
Adhesion Glass Aluminum Vinyl	ASTM D903	 12 - 15 pli 10 - 14 pli 12 - 15 pli	 12 - 15 pli 10 - 14 pli 12 - 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.

Packaging Information: NovaFlex Metal Roof & Panel Adhesive Sealant is available in 10 ounce cartridges, 20 ounce sausage packs, 5 gallon pails, and 55 gallon drums.

Specifications: Meets or exceeds ASTM C-920, TT-S-001543A and T-S-230C. AAMA 803.3 (I), 805.2 C, 808.3.

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

Precautions: For additional information consult product Safety Data Sheet. Not recommended for surfaces that are to be painted. Not recommended for joints submerged under water.

Professional Grade

Proudly made in Cleveland, Ohio