

METAL ROOF SYSTEMS

NOVAFLEX SILICONE

Metal Roof & Panel Adhesive Sealant



- Neutral cure silicone
- Excellent adhesion
- Permanently flexible
- Extrudes to -20°F
- Adheres to:
 - Metals
 - Wood
 - Masonry
 - PVC/PVDF
 - Common Construction Materials
- Also used as
 - Gutter Sealant
 - Chimney Flashing
 - Snow Guard
 - Pipe Boots



MR150
TRANSLUCENT



MR100
WHITE



MR105
REGAL WHITE



MR3461
BONE WHITE



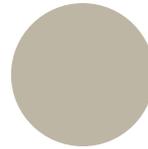
MR115
STONE WHITE



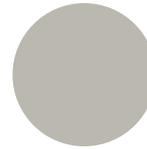
MR191
SANDSTONE



MR3333
SIERRA TAN



MR146
SURREY BEIGE



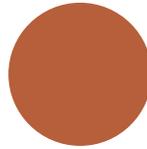
MR156
ASH GRAY



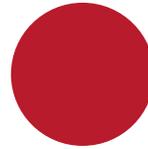
MR3421
CHAMPAGNE



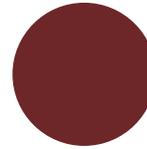
MR3201
COPPER



MR184
TERRACOTTA



MR196
REGAL RED



MR182
COLONIAL RED



MR180
BURGUNDY



MR3801
SLATE BLUE



MR171
REGAL BLUE



MR197
PATINA GREEN



MR3702
HEMLOCK GREEN



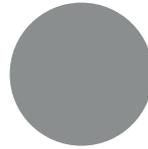
MR169
EVERGREEN



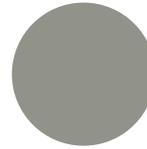
MR168
HARTFORD GREEN



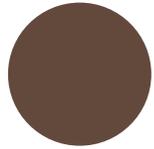
MR3514
DOVE GRAY



MR4103
GALVALUME



MR118
SLATE GRAY



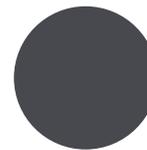
MR137
MANSARD BROWN



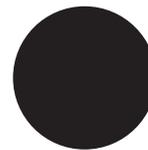
MR121
MEDIUM BRONZE



MR120
DARK BRONZE



MR126
CHARCOAL GRAY



MR110
MATTE BLACK

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NOVAFLEX SILICONE

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.



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- Excellent adhesion
- Permanently flexible
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Permanently Flexible

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

Interior and Exterior Applications

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

Easily Gunned at all Temperatures

- Weatherproof plastic cartridges with 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
- Available in all major siding, trim coil, window, and metal roof manufacturer colors
- 18 month shelf life

Professional Grade

NOVAGARD

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



NovaFlex is proudly made in Cleveland, OH
Effective Date: Sept 2022-v1.0