

NOVAFLEX

Metal Roof 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



MR101
BLUE WHITE



MR100
WHITE



MR105
ANTIQUE WHITE



MR3401
EGGSHELL



MR146
STONE



MR3461
ALMOND



MR191
SANDSTONE



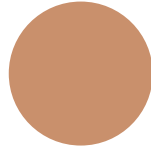
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SAND



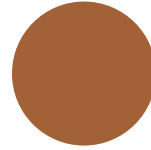
MR3404
WHEAT



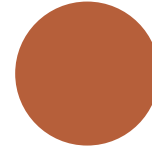
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SIERRA TAN



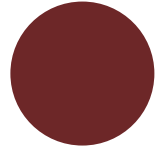
MR3201
COPPERTONE



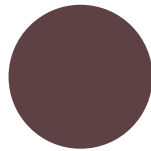
MR157
COPPER



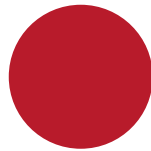
MR184
TERRACOTTA



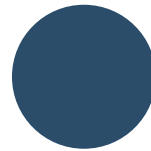
MR182
RED



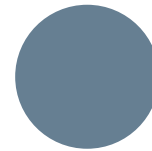
MR180
BRANDYWINE



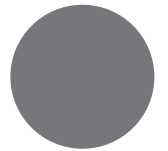
MR196
REGAL RED



MR171
REGAL BLUE



MR3801
PACIFIC BLUE



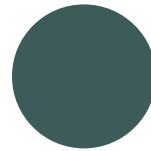
MR3510
WEATHERED ZINC



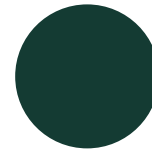
MR197
PATINA GREEN



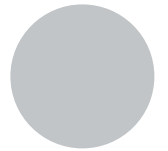
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HEMLOCK GREEN



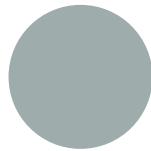
MR169
GREEN



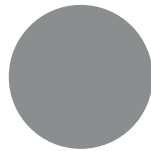
MR168
HARTFORD GREEN



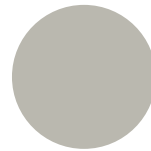
MR115
LIGHT GRAY



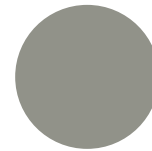
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GUTTER GRAY



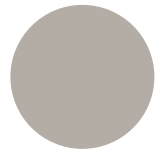
MR4103
SILVER METALLIC



MR156
SILVER



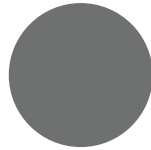
MR118
SLATE GRAY



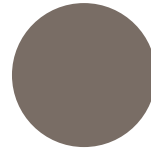
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CHAMPAGNE METALLIC



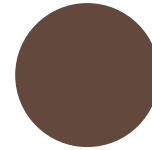
MR155
CHAMPAGNE



MR117
GUNMETAL GRAY



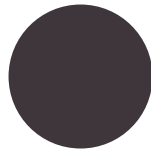
MR134
MEDIUM BRONZE



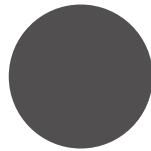
MR137
BROWN



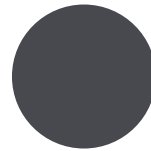
MR131
CHOCOLATE BROWN



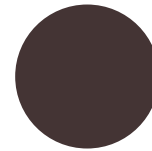
MR120
DARK BRONZE



MR121
LINCOLN BRONZE



MR126
CHARCOAL GRAY



MR194
EXTERIOR BRONZE



MR110
BLACK

NOVAFLEX^{SILICONE}

Metal Roof 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.



- 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

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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novagard.com

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: Dec 2021-v2.9