

NOVAFLEX SILICONE

Metal Roof 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	MR3482 SAND	MR3404 WHEAT
MR3333 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	MR3702 HEMLOCK GREEN	MR169 GREEN	MR168 HARTFORD GREEN	MR115 LIGHT GRAY
MR3514 GUTTER GRAY	MR4103 SILVER METALLIC	MR156 SILVER	MR118 SLATE GRAY	MR3421 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

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



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Product Specifications

Physical Property	Test Method	Performance Range Type I - Class 35	Performance Range Type II - Class 50
Appearance		Colored Paste	Colored Paste
Viscosity	Brookfield #7 @ 10 rpm	3500-7000 poises	4500-8000 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	48 hours

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 205°C)	-40°F to 400°F (-40°C to 205°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	ASTM D903		
Glass		12 - 15 pli	12 - 15 pli
Aluminum		10 - 14 pli	10 - 14 pli
Vinyl		12 - 15 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.

Permanently Flexible

- Will not shrink or crack
- Waterproof
- Mold/Mildew resistant
- Invisible to UV light

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



Sealants | Foams | Coatings | Thermals

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ISO 9001:2015 (QMS with Design)
IATF 16949:2016 (QMS with Design)



NovaFlex is proudly made in Cleveland, OH
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