

NOVA FLEX SILICONE

Class 50 Sealants



- Neutral cure silicone
- Excellent adhesion
- Permanently flexible
- Extrudes to -20°F
- Adheres to:
 - Metals
 - Wood
 - Masonry
 - PVC/PVDF
 - Common Construction Materials
- Available in:
 - Cartridges
 - Sausages
 - 5 Gallon Pails

Available with a 5, 10, or 20 year warranty. Consult your distributor or representative.

				MR100 WHITE	MR101 BLUE WHITE
MR105 ANTIQUÉ WHITE	MR3401 EGG SHELL	MR3482 SAND	MR3404 WHEAT	MX143 ALMOND	MR3461 ALMOND
MX107 CANVAS	MX140 BEIGE	MX3405 BEIGE (#70)	MR191 SANDSTONE	MR3333 SIERRA TAN	MR146 STONE
MX3503 GRAY (#81)	MR115 LIGHT GRAY	MX111 GRAY	MR156 SILVER	MX138 DARK SAND	MX3302 CLAY (#80)
MR3514 GUTTER GRAY	MX3322 CLAY	MR155 CHAMPAGNE	MX3232 MEDIUM OAK	MX3234 VINTAGE PECAN	MX3235 CHERRY
MX159 LIMESTONE	MR197 PATINA GREEN	MR3702 HEMLOCK GREEN	MR169 GREEN	MX3701 GREEN (#39)	MR168 HARTFORD GREEN
MX3801 PACIFIC BLUE	MR171 REGAL BLUE	MX141 TAN	MR134 MEDIUM BRONZE	MR3510 WEATHERED ZINC	MR117 GUNMETAL GRAY
MX3203 BROWN (#72)	MX132 EARTHTONE	MX130 IMPERIAL BROWN	MX3204 BRONZE (#62)	MR131 CHOCOLATE BROWN	MR122 BRONZE
MR121 LINCOLN BRONZE	MX3206 ARCHITECTURAL BRONZE (#26)	MR126 CHARCOAL	MR120 DARK BRONZE	MR194 EXTERIOR BRONZE	MX110 BLACK



Class 50 Sealants

Product Specifications

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

Typical Properties*

Physical Property	Test Method	Typical Value Type II - Class 50
Specific Gravity		1.15 - 1.25
Tensile Strength	ASTM D412	170 - 220 psi
Elongation	ASTM D412	800 - 1000%
Tear Resistance	ASTM D624	30 - 35 pli
Shore Hardness	ASTM D2240	25 +/- 5
Service Temperature		- 40°F to 400°F (- 40°C to 204°C)
Joint Sealant Designation	ASTM C920	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

* 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
- 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



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



NovaFlex is proudly made in Cleveland, OH
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