

# NOVAGARD<sup>®</sup> SILICONES

# Novaflex<sup>®</sup> M100 Series Type I Specification Data

## DESCRIPTION

The products of the Novaflex M100 Series are non-corrosive, single-component, oxime cured silicone sealants and/or adhesives.

## APPLICATIONS

These products are general-purpose compounds, which are used most frequently within the window and door manufacturing industry as glazings and structural back-beddings. The M100 Series of products are single-component, high-solids, low-odor materials, which cure to a low modulus, flexible and durable rubber-like solids. Novaflex products will develop primerless adhesion to most common construction substrates, and the neutral cure is compatible with most materials.

## INSTALLATION

As with all single component materials, worklife and cure times of the materials listed on this data sheet are dependent upon environmental conditions such as temperature, humidity and application thickness. Adhesion should be checked on small samples prior to full-scale production.

## AVAILABILITY

Novaflex products are available in 10.3 oz. cartridges, 5-gallon pails, and 55-gallon drums.

## STORAGE

Novaflex products (100 Series) have a shelf life of eighteen (18) months from the date of manufacture when stored in the original, unopened container at, or below, 75°F.

## PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range
Appearance		Colored paste*
Viscosity	Brookfield #7 @ 10rpm	3500 - 7000 poises
Skin Over Time	3/8" @ 50%RH & 77F	5-10 minutes
Through Cure	3/8" @ 50%RH & 77F	24 hours

\*Novaflex Type I sealants are available in a variety of colors (see below)

## PRECAUTIONS

Consult and obey all applicable local, state and federal regulations for disposal of solvent and silicone waste. For additional information consult product M.S.D.S. Not recommended for surfaces that are to be painted.

## STANDARD COLORS

M126 – Graphite Grey

M150 – Translucent      M162 – Forest Green

## CUSTOM PRODUCTS

M137 – Royal Brown      M166 – Hunter Green      M179 – Cerulean

M182 – Chutney      M186 – Cranberry      M187 – Firebrick

M192 – Chocolate Chip      M403 – Aluminum

## ADDITIONAL INFORMATION

Novagard believes that the information provided is a true and accurate description of the typical characteristics of the aforementioned product; however, it is the responsibility of the individual user to thoroughly test the product in their specific application to determine performance, efficacy and safety.

## TYPICAL PROPERTIES\*

Physical Property	Test Method	Typical Value
Specific Gravity		1.00 – 1.05
Tensile Strength	ASTM D412	140-200 psi
Elongation	ASTM D412	500-650%
Tear Resistance	ASTM D 624	30-35 pli
Shore Hardness	ASTM D 2240	20 ± 5
Adhesion		
Glass		12-15 pli
Aluminum	ASTM D 903	10-14 pli
Wood		12-15 pli

\*The values outlined reflect testing that was conducted on laboratory prepared specimens, 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.

Novagard **Solutions**<sup>™</sup>

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