

# NOVAGARD<sup>®</sup> SILICONES

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

## DESCRIPTION

A patented Novagard innovation, Novaflex SB was developed to compliment any type of glazing rabbet profile design. Novagard combines modified oxime cure silicone technology with consistently sized spacer-beads to provide a “liquid shim” primary bedding seal on wood, PVC, fiberglass and aluminum. The bead assures controlled compound thickness between the glass and the sash, which will maximize sash performance while minimizing sealant consumption. It also eliminates squeezeout, which provides for easier re-glazing. Tailor your SB product with a specific spacer-bead size, and your choice of cure rate, viscosity, green strength, physical properties and color.

## 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 (SB 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		Translucent pastes
Viscosity	Brookfield #7 @ 10rpm	3500 - 7000 poises
Skin Over Time	3/8" @ 50%RH & 77F	4-10 minutes
Through Cure	3/8" @ 50%RH & 77F	24 hours

## 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 / BEAD SIZES

M150 – Translucent (Regular) M170 – Translucent (Faster skin times)

SBC 30 = 0.025 – 0.035"

SBC 40 = 0.035 – 0.045"

SBC 50 = 0.045 – 0.055"

## 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 (Polymer Only)\*

Physical Property	Test Method	Typical Value
Specific Gravity		1.00 – 1.05
Tensile Strength	ASTM D412	150-200 psi
Elongation	ASTM D412	550-650%
Tear Resistance	ASTM D 624	30-35 pli
Shore Hardness	ASTM D 2240	25 ± 5
Adhesion		
Glass	ASTM D 903	12-15 pli
Aluminum		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.

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