

**NovaFlex® Beaded Glazing/Bedding Compound  
Type I  
Specification Data**



**DESCRIPTION**

NovaFlex Beaded Glazing/Bedding Compound is a patented material developed to complement any type of glazing rabbet profile design. It combines modified neutral cure silicone technology with consistently sized spacer-beads to provide a “liquid shim” primary bedding seal on wood, PVC, fiberglass, and aluminum.

**APPLICATIONS**

With NovaFlex Beaded Glazing/Bedding Compound the bead assures controlled compound thickness between the glass and the sash, which will maximize sash performance while minimizing sealant consumption. It also eliminates squeeze out, which provides for easier re-glazing. Tailor your NovaFlex Beaded Glazing/Bedding Compound with a specific spacer-bead size, and your choice of cure rate, viscosity, green strength, physical properties, and color.

**STANDARDS**

Meets or exceeds the performance of characteristics of AAMA 802.3 Type II, AAMA 803.3 Type I, and AAMA 805.2 Group C.

**INSTALLATION**

As with all single component materials, work life and cure time of NovaFlex Beaded Glazing/Bedding Compound 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 Beaded Glazing/Bedding Compound is available in 10 ounce cartridges, 5 gallon pails, and 55 gallon drums.

**STORAGE**

NovaFlex Beaded Glazing/Bedding Compound has a shelf life of eighteen (18) months from the date of manufacture when stored in the original, unopened container at or below 75°F.

**PRECAUTIONS**

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

**STANDARD COLORS/BEAD SIZES**

Color: Translucent, in regular formulation and in faster skin time formulation

Bead Size: SBC 30 = 0.025” – 0.035”  
SBC 40 = 0.035” – 0.045”  
SBC 50 = 0.045” – 0.055”

**PRODUCT SPECIFICATIONS\***

Physical Property	Test Method	Performance Range
Appearance		Paste (Translucent)
Viscosity	Brookfield #7 @ 10 rpm	3,500 – 7,000 poises
Skin Over Time	3/8” @ 50% RH & 77°F	4 - 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
Specific Gravity		1.05 – 1.10
Tensile Strength	ASTM D412	100 – 200 psi
Elongation	ASTM D412	400 – 650%
Tear Resistance	ASTM D624	30 – 35 pli
Shore Hardness	ASTM D 2240	25 ± 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 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.

**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.