Ultra-Low Migration High Impact Sealant

NovaFlex Ultra-Low Migration High Impact Sealant is a non-corrosive, single-component, oxime silicone sealant and/or adhesive. A non-flowable, paste product, it presents an excellent balance between rate of cure, adhesion, and physical properties. It is designed to have ultra-low plasticizer migration into the IG secondary seal. This protects other window components from attack and degradation. This conforms to the new recommendation of IG manufacturers on all Impact Window fabrication to ensure a long-lasting seal. This product has been approved as part of the system to obtain Miami-Dade and HVHZ approval for glazing applications.

Recommended For: Windows and glazing for window systems built to Miami-Dade standards, and other glazing applications requiring high tensile strength.

Color Match
NovaFlex Ultra-Low Migration High Impact Sealant is available in Black, Gray, and Translucent, or can be custom matched to any color.

- High tensile strength
- Low reactivity
- Miami-Dade (Part of impact resistant systems for windows)
- Excellent chemical resistance
- Excellent UV resistance
- Deep section cure
- Excellent adhesion to various substrates
- High elongation

Made in USA. Professional Grade.
Ultra-Low Migration High Impact Sealant

Packaging Information
NovaFlex Ultra-Low High Impact Migration Glazing Sealant is available in 10 ounce cartridges, 20 ounce sausage packs, 5 gallon pails, and 55 gallon drums.

Specifications
Meets or exceeds the performance characteristics of AAMA 803.3 (I), 808.3.

Disposal
Consult and obey all applicable local, state, and federal regulations. For additional information, consult product Safety Data Sheet.

Precautions
Do not use in or around highly oxidative chemicals such as liquid oxygen, chlorine, or peroxides. Not recommended for surfaces that are to be painted.

Professional Grade

Technical Information
Appearance: Paste
Application Temperature: -20°F to 160°F
Adhesion: Excellent
Consistency: Non-sag
Coverage: 28 linear feet using 1/4” bead or 14 linear feet using 3/8” bead
Flexibility: Very good, to -10°F
Water Resistance: Very good
Exterior Weathering: Excellent
Aging: Excellent
Not Recommended: For areas needing paint or stain; Joints continuously submerged under water; 4-sided butt joint glazing
Freeze-Thaw Stable: Will not freeze
Odor: Low odor (less than 50 g/l (<4% by weight). VOC compliant in all 50 states.
Skin Time: 5 - 10 minutes (77°F/50% relative humidity)
Cure Through Time: 28 days (77°F/50% relative humidity) in OEM window applications

Physical Specifications

<table>
<thead>
<tr>
<th>Physical Property</th>
<th>Test Method</th>
<th>Performance Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>-</td>
<td>Various Colors</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Brookfield #7 @ 10 rpm</td>
<td>500,000 - 1,500,000 cPs</td>
</tr>
<tr>
<td>Skin Over Time</td>
<td>3/8” @ 50% RH &amp; 77°F</td>
<td>5 - 10 Minutes</td>
</tr>
<tr>
<td>Through Cure</td>
<td>3/8” @ 50% RH &amp; 77°F</td>
<td>28 days for OEM window applications</td>
</tr>
</tbody>
</table>

Typical Properties*

<table>
<thead>
<tr>
<th>Physical Property</th>
<th>Test Method</th>
<th>Typical Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific Gravity</td>
<td>-</td>
<td>1.05 - 1.1</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>ASTM D412</td>
<td>400 - 500 psi</td>
</tr>
<tr>
<td>Elongation</td>
<td>ASTM D412</td>
<td>400 - 500%</td>
</tr>
<tr>
<td>Tear Resistance</td>
<td>ASTM D624</td>
<td>30 – 35 pli</td>
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<tr>
<td>Shore Hardness</td>
<td>ASTM D2240</td>
<td>40 +/- 5</td>
</tr>
<tr>
<td>Adhesion</td>
<td>ASTM D903</td>
<td>14 - 18 pli</td>
</tr>
</tbody>
</table>

*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.