

NuGroove™/NuBevel™ Optically Divided Lites



Add distinction and ambience to the interior and exterior of your home by day and night.

Only NuAir Windows and Doors has the exclusive NuGroove™ and NuBevel™ Optically Divided Lites (ODL). More than just panes you look through, this decorative glass can add accent and ambience to the home. This new surface enhancing technology by 3M™ Accentrim™ Products brings the beauty of Optically Enhanced Glass to windows, doors, transoms and sidelites. Optically Enhanced Glass will give your windows a beautiful prismatic accent by day and a distinguished pattern of soft light at night – all without the optical restrictions of solid muntins.

Flexibility To Demonstrate Your Creativity

You can choose from a variety of patterns for the architectural sophistication to best express your design style. The most popular pattern, Hyde Park, comes in a single or double configuration.

NuGroove™/NuBevel™ Quick Specs

Product Applications

- Windows
- Transom Windows
- Sliding Glass Doors
- NuSwing™ Doors
- Side Lites
- Garage Door Lites
- Cabinet Doors

Patterns

- NuGroove (V-Groove)
- NuBevel (Bevel)
- Fluted V-Groove
- Twin Fluted V-Groove

Widths

- V-Groove 1/2", 3/4"
- Bevel 1/2", 3/4", 1"

Available Lite Designs

- Colonial
- Hyde Park
- Double Hyde Park
- Spoke

Available Lite Designs (Cont.)

- 2/2
- 3/2 (Oriel Window)
- Custom Lite (Requires Dimensioned drawing)

Glazing

- Double Pane
- Impact Double Pane

Glass Colors

- Clear
- Clear Obscure
- Grey Tint
- Bronze Tint
- Bronze Obscure
- Solex® Tinted Glass
- EverGreen™ Glass
- Graylite 31® Glass
- Azurelite® Glass
- Solar-E™ Low-Emissive Glass
- Bronze Reflective

For single pane applications apply to the most protected side of the glass since the textured surface of the optical film can be scratched.

Benefits of NuGroove™ and NuBevel™ ODL


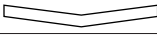


- Optical clarity enhances the viewing area without restricting it.
- Increase curb appeal for your home.
- No cleaning for maintenance-free beauty
- Permanent prismatic effect between the glass of double pane units.

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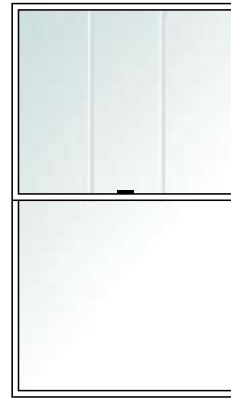
3M™ Surface Enhancing Technology

Using 3M's patented surface enhancing technology, NuAir can create the illusion of beveled glass without the high cost or structural limitations of cut glass. This unique process transforms the appearance of glass in a way that allows light to filter through, casting a rainbow of colors. With this in-line process the 3M™ prismatic product is permanently bonded to the glass surfaces. Using GED's integrated application system for 3M™ Accentrim Products, NuAir can produce custom glass panels with the rich look of cut or beveled glass at lower costs and shorter lead times than traditional cut glass panels. Select the edge bevel (NuBevel) or the V-Groove (NuGroove) designs in a wide selection of patterns and window styles.

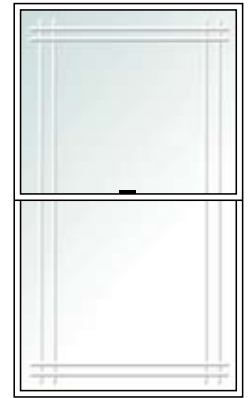


3M™ Accentrim™ Technical Data	
Product Description	
A lined polyester tape with a very clear, low out-gassing adhesive. This tape employs proprietary technology and has excellent adhesion to glass surfaces, especially float glass. This permanent adhesive resists edge lifting and yellowing, and has excellent long-term aging properties.	
Product No.	Pattern
A100	 Edge Bevel
A200	 V-Groove
A300	 Fluted V-Groove
A400	 Twin Fluted V-Groove
Description	Material
Optical Layer	Acrylic
Backing	Polyester
Adhesive	Acrylic
Release Liner	Polyester with silicone release
Typical Physical Properties & Performance Characteristics	
Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.	
Float Glass	
Adhesion (ASTM D-330)	(oz./0.5in. [N/50mm])
Initial	45 (49)
After 72 hr dwell at room temp.	60 (65)
General Information	
<ul style="list-style-type: none"> • Not intended for outdoor exposure. • Application temperature should be normal room temperature, 60° to 89°F (16° to 27°C). • Dimensionally stable over temperature range from -20°F to 250°F (-29°C to 121°C). • Warranted for 20 years when used in insulated glass units. 	

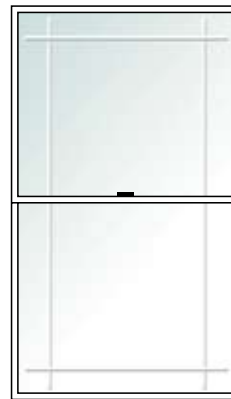
Examples Of Light Designs



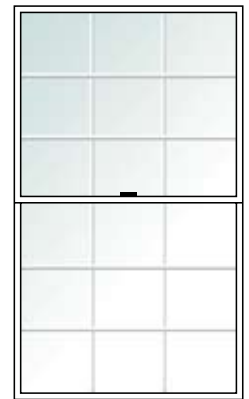
Transom Pattern



Double Hyde Park



Single Hyde Park



Colonial

