



THE *ThermalWeld* COLLECTION
PREMIUM VINYL REPLACEMENT WINDOWS

Double Hung

- 1. Sash Limit Locks**
allow secure partial opening
- 2. Cam-Style Lock**
for added security
- 3. Recessed Tilt Latches**
allow both sashes to tilt in completely for easy cleaning
- 4. 1/2" True-Position® Balance System**
ensures easy operation and never slips
- 5. Continuous Over & Under Interlock & Multiple Weather-Stripping**
prevent air infiltration
- 6. 7/8" energySMART® Insulated Glass**
for thermal performance
- 7. Welded Frame & Sash Corners**
for superior strength and performance
- 8. Integrated Extruded Lift Rail**
is part of sash extrusion, not added later.



ThermalWeld
BY POLARIS

Comfort, energy efficiency, ease of operation and ownership are built into every PolarisThermalWeld window. Tough Polaris® vinyl extrusions are Fusion-Welded at frame & sash corners to create seamless and strong windows. Polaris® energySMART® glass is standard along with many other energy saving features. Your new vinyl windows will retain their pristine appearance and weather tight barrier for a lifetime.



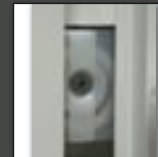
1.



2.



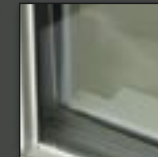
3.



4.



5.



6.



7.



8.



2-Lite Glider



3-Lite Glider

ThermalWeld glider windows are maintenance-free, and the sash remove from the inside for easy cleaning. Integrated extruded glide rails are part of the sash extrusion, not added later. The energy-efficient interlock at the meeting rails virtually eliminates air infiltration and increases thermal performance. All gliders have welded main frame and sash for superior strength and performance.

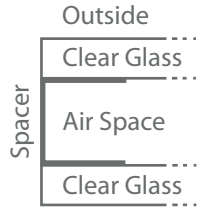
energySMART® GLASS

The glass in a window is referred to as an Insulating Glass (IG) unit. A spacer and sealant hold panes of glass together, creating an insulating air space. The spacer and sealant also block temperature transfer. Polaris® offers you IG unit choices to deflect damaging ultra violet rays, block the cold and hold in warmth.

EnergySMART® glass is standard in every ThermalWeld window. Upgrade your glass for even greater protection. EnergySMART Supreme and Ultimate Plus high-performance glass options have a greater resistance to temperature transfer and also reduce ultraviolet light transmission. Both are ENERGYSTAR® qualified. Ask for an energySMART brochure.



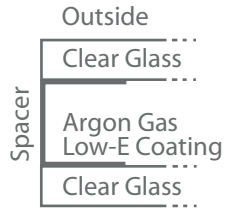
U-Factor	.48
Solar Heat Gain	.75
Visible Light Transmission	.81
UV	.635
R-Value	2.08



U-Factor	.25
Solar Heat Gain	.47
Visible Light Transmission	.72
UV	.166
R-Value	4.00



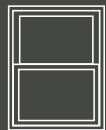
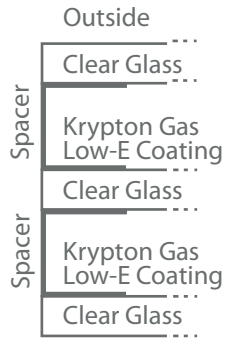
QUALIFIED



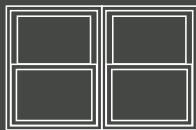
U-Factor	.11
Solar Heat Gain	.38
Visible Light Transmission	.59
UV	.049
R-Value	9.09



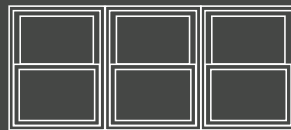
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Double Hung



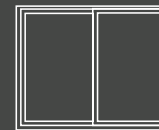
Twin Double Hung Mullled



Triple Double Hung Mullled



Picture w/ Double Hung Flankers Mullled



2-Lite Lift-Out Glider



3-Lite Lift-Out Glider

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Data is based on Center of Glass calculations using Window 5.2 Thermal Analysis Program & NFRC approved spectral data & environmental conditions.

Glass Options

	White	Tan	Slimline Brass	Antique Brass	Etched
Colonial View					<input type="checkbox"/>
Colonial Grid	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Colonial Contour	<input type="checkbox"/>	<input type="checkbox"/>			
Diamond Grid	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	
Diamond View					<input type="checkbox"/>
Floral View					<input type="checkbox"/>
Elongated Floral View Horizontal or Vertical					<input type="checkbox"/>
Prairie View					<input type="checkbox"/>
Prairie Style	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Double Contour Prairie Style	<input type="checkbox"/>	<input type="checkbox"/>			
Contour Prairie Style	<input type="checkbox"/>	<input type="checkbox"/>			
Double Prairie View					<input type="checkbox"/>
Double Prairie Style	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



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Warranty & Service

We stand behind our products with a Transferable Lifetime Limited Warranty. See actual warranty for details.

Self Cleaning Glass (option)

Ask your sales representative for a SunClean Brochure



www.polaristechnologies.com



Colonial Grids Diamond Grid Colonial Antique Brass Colonial Contour Grids Colonial Slimline Brass Colonial View (etched) Diamond View (etched) Floral View (etched) Elongated Floral View (etched) Prairie View (etched) Double Prairie View (etched) Contour Prairie Style Double Prairie Style

Obscure glass also available.

Colors



White

Tan

Colors shown are reproduced by mechanical process and may vary from actual colors of product. Use actual color selector.



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