



The Vinyl-Lite Challenge

Vinyl-Lite Features

Vinyl-Lite

Company A

Company B

COMPANY	YES	NO	YES	NO	YES	NO
In Business Since 1978	●					
The Area's Oldest Vinyl Window Manufacturer	●					
A True Manufacturer, Not Just a Distributor or Sales Office	●					
Member Local Chamber of Commerce	●					
Member in Good Standing in Better Business	●					
Large Showroom with Factory Visitation Available	●					
State Compensation Insurance	●					
\$2,000,000 Liability Insurance	●					
WARRANTIES						
Screen Replacement	<i>Standard</i>					
Non-prorated Lifetime Warranty on Parts and Materials	<i>Standard</i>					
Non-prorated Warranty for Glass Seal Failure	<i>Standard</i>					
Non-prorated Warranty for Hardware	<i>Standard</i>					
COMPANY						
Double Hung Sashes Tilt-in for Easy Cleaning	<i>Standard</i>					
Heavy Gauge Multi-chambered Vinyl	<i>Standard</i>					
Each Window Custom Built for Customer's House	<i>Standard</i>					
Factory Certified Installer	<i>Standard</i>					
Interlocking Sashes	<i>Standard</i>					
Double Cam-action Locks	<i>Standard</i>					
Fin Seal Weather Stripping	<i>Standard</i>					
Double Layer Sash Handle is Part of Extrusion for Strength	<i>Standard</i>					
Dual Self-storage Ventilation Locks	<i>Standard</i>					
Self Lubricating Sash and Frame with Slopes Sills	<i>Standard</i>					
Exclusive Block and Tackle Balances	<i>Standard</i>					
Fiberglass Screens with Extruded Frame	<i>Standard</i>					
Thermal Mirror Triple-E Glass	<i>Standard</i>					
HB Fuller "Hot Melt" Butyl Glass Sealant	<i>Standard</i>					
Exterior Wood Casings Covered (Capped)	<i>Standard</i>					

We Can Prove Each and Every One of Our Features!!!

Can They?



MANUFACTURER'S **LIFETIME** **WARRANTIES**

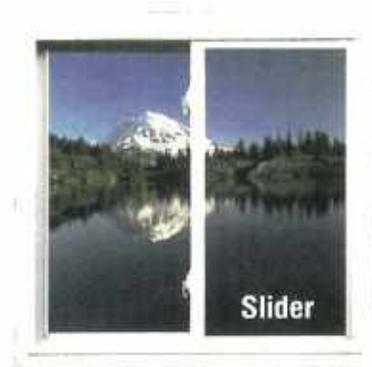
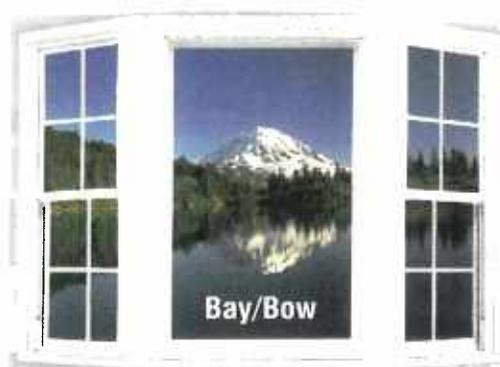
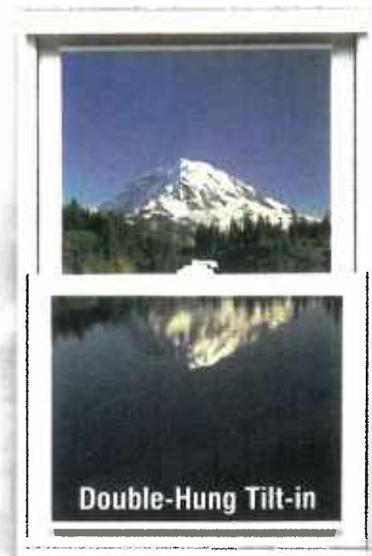
Rest easy knowing that all of the products manufactured by Vinyl-Lite will be backed by our non-prorated lifetime written warranties that include the following features:

- Warranty is non-prorated
- Lifetime glass seal failure warranty
- Lifetime glass breakage warranty
- Lifetime warranty on parts
- Transferable Warranty

Vinyl-Lite produces the highest quality products available in the industry from a local manufacturing company that stands behind our products and our installation. Remember, only the manufacturer can give you a real warranty.



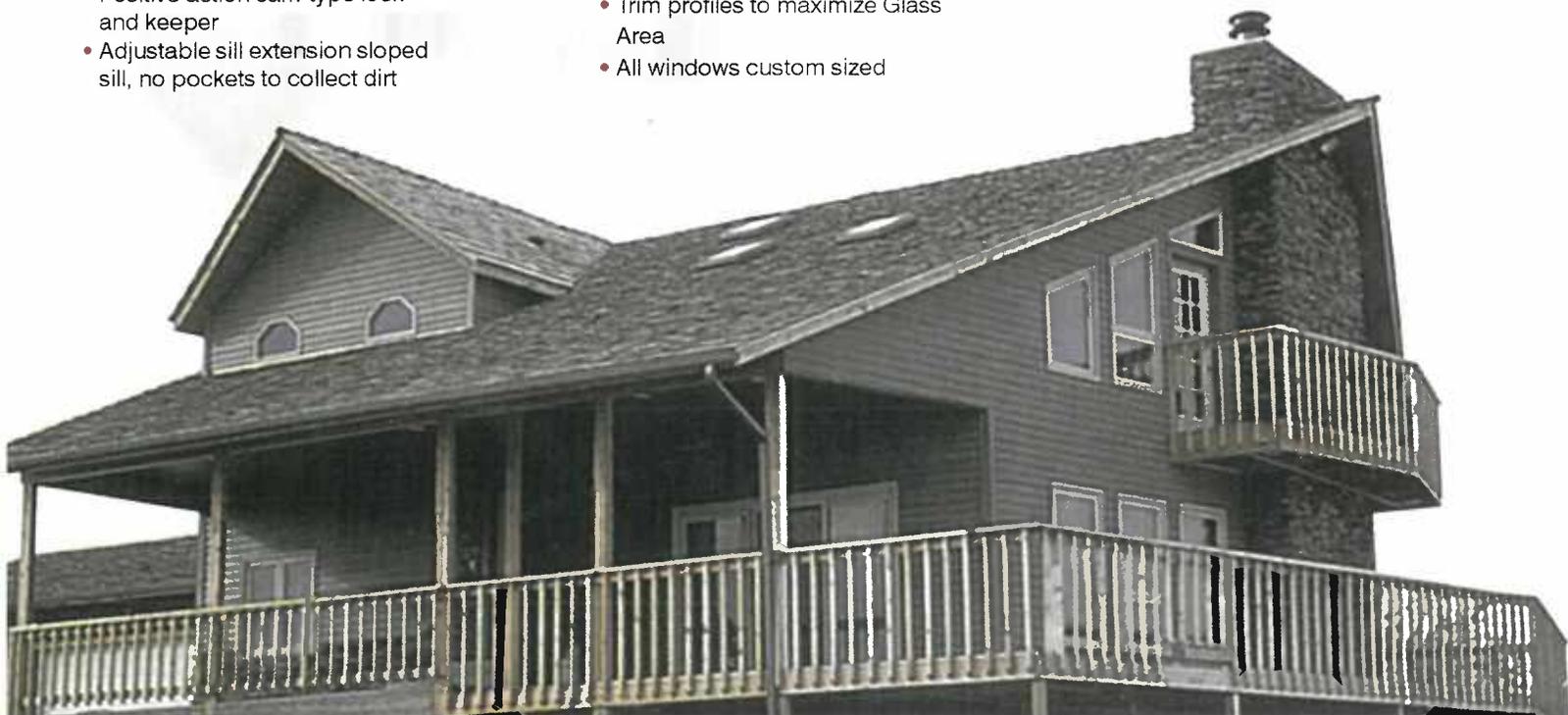
Dura-Weld Series 9000



- Fusion welded beveled frame & fusion welded sash
- Air & water tight dual durometer glazing with 7/8" insulated glass
- Heavy gauge full extruded handles on both sashes
- Dual locks
- Full interlock with double weather-stripping
- Tilt-in sashes for easy cleaning
- 2 heavy duty roll-out night latches
- Half screen included
- Maintenance free rigid vinyl with additional chambers in profile
- Positive action cam-type lock and keeper
- Adjustable sill extension sloped sill, no pockets to collect dirt

- Fusion welded multi-chambered master frame
- Dual durometer glazing with snap-in glazing beads
- 7/8" insulated glass
- Full screens with casements
- Half screen with double-hungs
- Double sealed weatherstripping
- All exterior weather-exposed surfaces are covered with color coordinated aluminum stock
- Highest quality hardware
- Double-hungs tilt-in for easy cleaning
- Trim profiles to maximize Glass Area
- All windows custom sized

- Fusion welded frame and sash
- Slides on vinyl track
- Sashes lift out for easy cleaning
- Half screen included
- Full double weather stripping
- Dual durometer glazing
- 7/8" insulated glass
- Positive action cam-type lock and keeper
- Dual locks
- Full extruded handles



SERIES 9000 EXCLUSIVES AND OPTIONS



Low-E Glass

Low-E Glass is an energy efficient glass, designed to provide protection against heat transference. Heat always flows towards cold, so in the winter, Low-E acts as a thermal layer, preventing heat from escaping, and natures chill from engulfing your home. In the summer, it guards against penetrating heat and maintains interior comfort.

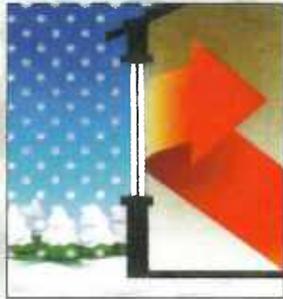
- Works regardless of directional orientation. (North, east, south or west)
- Blocks out the sun's harmful ultra-violet rays.
- Hard-coat, neutral-color does not block any light.
- Works 250% better than ordinary glass.
- Lowers heating and air conditioning costs.

No matter where or how large your windows, they'll always perform better when Low-E glass is specified instead of clear glass.

Low-E Reflects Heat



Summer - heat out



Winter - heat in

Argon-krypton Gases

Argon-Krypton Gases are inert elements (practically inactive, without taste, odor or color) which have an insulation value much higher than air, and are injected between layers of insulated glass.

- Further decreases heating costs.
- Tolerates more relative humidity.
- Acts as an acoustic insulator.

Warm Edge Technology

Thermal Edge is a revolutionary new Vinyl Spacer. It expands the insulation benefits of Low-E coatings and Argon Gas fill from edge to edge, and adds to the energy efficiency of your windows.

- Glass is touching the vinyl - not metal.
- Reduces heating and cooling cost.
- Aesthetically appealing.
- Reduces perimeter condensation.
- Lowers sound transmission.

Each window is custom manufactured for exact fit.

MagiClean™ Glass

Much like other great coatings such as Teflon or Scotchguard, MagiClean is a bonding agent which makes things much easier for all of us. It is a durable clear polymer, which fills microscopic hills and valleys found in ordinary glass.

- Requires far less cleaning.
- Non-hazardous and transparent.
- Impenetrable, anti-static surface.
- Sheds water, dirt and airborne contaminants rapidly.
- Will not crack, peel or dis-color.

MagiClean Glass prevents the collection of dirt and other particles, so our windows have a distinctive and lasting gleam.

MagiClean glass sealant



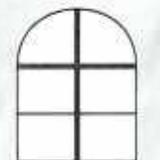
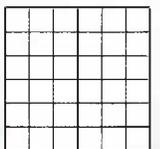
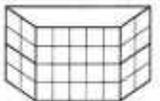
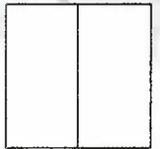
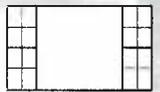
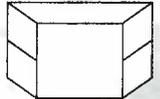
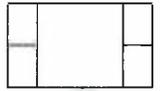
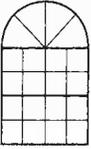
Ordinary glass surface



The MagiClean difference



Both sashes tilt in for easy cleaning.



WINDOW FACTORY AND SHOWROOM

8815 Telegraph Road, Lorton, VA 22079

Tel: 703.550.7766 Fax: 703.550.5659

Web: www.vinyl-lite.com Email: windows@vinyl-lite.com

Every Dura-Weld Window is backed by a promise of performance & your assurance of satisfaction.

TRIPLE "E" GLAZING SYSTEMS

Exclusively available at:



Low-E Glass

Low-E Glass is an energy efficient glass, designed to provide protection against heat transference. Heat always flows towards cold, so in the winter, Low-E acts as a thermal layer, preventing heat from escaping, and nature's chill from engulfing your home. In the summer, it guards against penetrating heat and maintains interior comfort.

- Works regardless of directional orientation. (North, east, south or west)
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- Works 250% better than ordinary glass.
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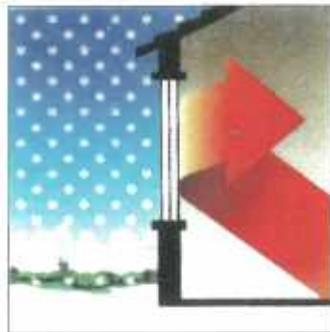
No matter where or how large your windows, they'll always perform better when Low-E glass is specified instead of clear glass.

LOW-E REFLECTS HEAT

SUMMER - HEAT OUT



WINTER - HEAT IN

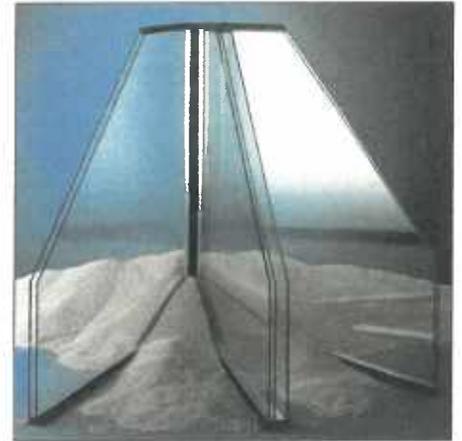


YEAR ROUND COMFORT



"A Window Is Only As Good As It's Glass."

The single largest usage of energy for any building structure is heating and cooling, by a great margin. U.S. Department of Housing and Urban Development (HUD) studies show that 70% of energy used for heating and



46% of energy used for cooling is wasted. Heat travels in only one direction but it gets in and out of your home in two major ways; by conduction and infiltration. Conduction occurs when heat travels through solid objects such as walls and glass. Infiltration is leakage through cracks in walls, doors and window frames.

At Vinyl-Lite Window Factory, we are continually upgrading our products and providing options to successfully combat the energy waste of your home or structure.

Triple "E" Glazing Systems has been laboratory tested to be **THREE** times more energy efficient than ordinary glass.

Argon-Krypton Gases

Argon-Krypton Gases are inert elements (practically inactive, without taste, odor or color) that has an insulation value much higher than air, and is injected between layers of insulated glass.

- Further decreases heating costs.
- Tolerates more relative humidity.
- Acts as an acoustic insulator.

Warm Edge Technology

Thermal Edge is a revolutionary new Vinyl Spacer. It expands the insulation benefits of Low-E coatings and Argon Gas fill from edge to edge, and adds to the energy efficiency of your windows.

- Glass is touching the vinyl, not metal.
- Reduces heating and cooling costs.
- Aesthetically appealing.
- Reduces perimeter Condensation.
- Lowers sound transmission.



MagiClean™ Glass

Much like other great coatings such as Teflon or Scotchguard, MagiClean is a bonding agent which makes things much easier for all of us. It is a durable clear polymer, which fills microscopic hills and valleys found in ordinary glass.

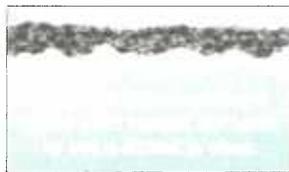
- Requires far less cleaning.
- Non-hazardous and transparent.
- Impenetrable, anti-static surface.
- Sheds water, dirt and contaminants rapidly.
- Will not crack, peel or dis-color.

MagiClean Glass prevents the collection of dirt and other particles, so our windows have a distinctive and lasting gleam.

MagiClean glass sealant



Ordinary glass surface



The MagiClean difference



Laboratory tests show Vinyl-Lite Windows provide superior protection against chilling drafts, lingering heat and noise pollution.

Every Vinyl-Lite Window is backed by a promise of performance & your assurance of satisfaction.



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Shatter-Safe Tempered Glass

Shatter-Safe Tempered Glass, exclusively from Vinyl-Lite, is a wise option for any window purchase. It has four times the strength of ordinary glass. If it breaks, it crumbles into virtually harmless pellets. There is no longer a need to worry about razor-sharp edges or points, and it is easy to clean up.

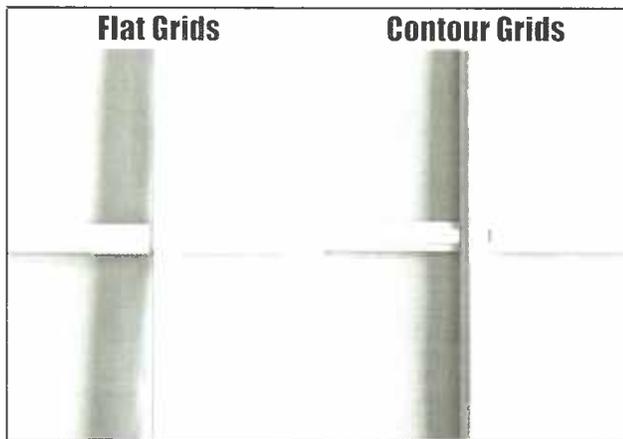


Shatter-safe Tempered Glass breaks into tiny harmless pieces.



Ordinary glass breaks into pieces with sharp edges and points.

Three Types And Many Styles Of Grids To Choose From



Low-E Performance Comparison

Product	U-Factor	SHGC	Visible Transmittance	Number of Double Glazed Windows
Low-E Argon-filled 1/2" double glazed window	0.28	0.62	0.78	40
Low-E Argon-filled 1/2" double glazed window with Low-E coating on both panes	0.25	0.55	0.75	34
Low-E Argon-filled 1/2" double glazed window with Low-E coating on one pane	0.28	0.62	0.78	34
Low-E Argon-filled 1/2" double glazed window with Low-E coating on both panes and Low-E coating on the inner pane	0.22	0.50	0.75	26
Low-E Argon-filled 1/2" double glazed window with Low-E coating on both panes and Low-E coating on the inner pane and Low-E coating on the outer pane	0.18	0.45	0.75	20

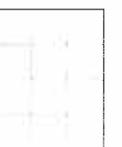
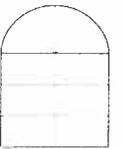


NATIONAL CERTIFIED TESTING LABORATORIES

Data Chart For Sealed Insulating Glass

Product	CLASS C		CLASS B		CLASS A	
	U-Factor	SHGC	U-Factor	SHGC	U-Factor	SHGC
Low-E Argon-filled 1/2" double glazed window	0.28	0.62	0.28	0.62	0.28	0.62
Low-E Argon-filled 1/2" double glazed window with Low-E coating on both panes	0.25	0.55	0.25	0.55	0.25	0.55
Low-E Argon-filled 1/2" double glazed window with Low-E coating on one pane	0.28	0.62	0.28	0.62	0.28	0.62
Low-E Argon-filled 1/2" double glazed window with Low-E coating on both panes and Low-E coating on the inner pane	0.22	0.50	0.22	0.50	0.22	0.50
Low-E Argon-filled 1/2" double glazed window with Low-E coating on both panes and Low-E coating on the inner pane and Low-E coating on the outer pane	0.18	0.45	0.18	0.45	0.18	0.45

Vinyl-Lite Windows have achieved a CLASS A Rating





National Fenestration
Rating Council®

N. F. R. C. PERFORMANCE RATINGS

Unit Type - Glazing	U	R	CRF	SHGC
DOUBLE HUNG				
7/8" Double Clear	0.54	1.85	54	0.56
7/8" Double Low-E/Argon	0.25	4.00	55	0.26
7/8" Triple Low-E/Argon/Krypton	0.15	6.60	58	0.23
SLIDER				
7/8" Double Clear	0.51	1.96	54	0.55
7/8" Double Low-E/Argon	0.25	4.00	55	0.26
7/8" Triple Low-E/Argon/Krypton	0.15	6.60	58	0.23
CASEMENT/AWNING/PICTURE				
7/8" Double Clear	0.41	2.22	57	0.51
7/8" Double Low-E/Argon	0.23	4.00	58	0.25
7/8" Triple Low-E/Argon/Krypton	0.18	5.55	60	0.23

NFRC 100-200 (U-factor), 200-2004 (SHGC and VT), and 500-2004 (CR-value) Productline Matrix

Manufacturer Name: Vinyl-Lite Window Factory Job Number: ETC-09-1169-22841-3
 Product Series/Model: 9000 Double Hung Window Sim Lab Code: SETC
 Operator Type: Vertical Slider, XX Model Size (mm x mm): 1200 X 1500
 Frame Type: VY Thermal Break Type:
 Sash Type: VA Report Number: ETC-07-1169-2841.A

Product Number	Grouping ID Number	Overall IG Thickness	Pane Thickness #1	Pane Thickness #2	Pane Thickness #3	Gap 1	Gap 2	Gap Fill 1	% of Gap fill 1	Gap Fill 2	% of Gap fill 2	Spacer	Emissivity Surface 2	Emissivity Surface 5	Tint	C-O-G U-factor	C-O-G VT	Grid Type	Grid Size	CR- Value	Product SHGC	Product VT	Additional Comments
001	00	.875	.118	.118		.639		ARG	90			SS-S	.027		CL	.25	.71	N		57	.29	.52	RLE7138/ CL Arg
	01	.875	.118	.118		.639		ARG	90			SS-S	.027		CL	.25	.71	G	<1"	57	.26	.46	RLE7138/ CL Arg
002	00	.875	.118	.118	.118	.261	.261	KRY	90	ARG	90	SS-S	.027	.027	CL	.15	.56	N		64	.25	.41	RLE/CL/RLE Kry/Arg
003	00	.875	.118	.118	.118	.261	.261	KRY	90	ARG	90	SS-S	.027	.027	CL	.15	.56	G	<1"	64	.23	.37	RLE/CL/RLE Kry/Arg

Comments: Vertical Slider window with vinyl frame and sashes

ARG - Argon with Single Probe filling method

KRY - Krypton with Single Probe filling method

SS-S - Tecnoform I Spacer (Single Seal)

N - Products with no internal grids

G (Grid Size: <1")- Products with 1/4" x 5/8" size rectangular internal grids

Low-e: 0.027 - ClimaGuard RLE 71/38 (Guardian)

U-Factor: Thermal Transmittance through the specimen

VT: Visible Transmittance

SHGC: Solar Heat Gain Coefficient

CR: Condensation Resistance