



Galax, Virginia

The Guardian Glass manufacturing facility in Galax, Virginia, has extensive production capabilities for the residential, architectural, interior and transportation industries. The Galax plant boasts a wide product portfolio, large trucking fleet and exemplary service that you would expect from a glass fabricator that has been in business for 30+ years.

Advanced Fabrication Capabilities

Whether you need high high volume, stock or make-to-order products, Guardian Glass in Galax has the capabilities needed to be your preferred glass partner.

Insulating Glass

- Automated capabilities that support producing insulating glass (IG) units with Quanex Super Spacer®
- Manual lines producing standard and shaped IG units with Quanex Super Spacer, Duraseal® and Duralite® spacer products
- Full capabilities including multiple grid options, capillary tubes, gas options, and the ability to produce oversized units

Tempered Glass

- Multiple high-quality tempering furnaces equipped with lite sentry systems to ensure high quality production.
- Production standards exceeding ASTM standards.
- Full sequencing capability
- Guardian in Galax is a SGCC®-certified facility

Laminating Glass

- High-volume and made-to-order production, capable of producing standard, acoustic, hurricane, forced entry, ballistic and color applications
- Competitive custom and made-to-order lead times
- Comprehensive stocking program of readily available billet laminated glass
- Guardian in Galax is a SGCC®-certified facility

Wet Coatings

- Copper and copper-free mirror production
- Polishing, V-groove and beveling capabilities
- Deco HT post-temperable back-painted glass suitable for spandrel or interior office walls
- Comprehensive stocking program

Designed to Support the Most Stringent Customer Demands

Beyond the outstanding products we produce, Guardian Glass offers strategic advantages for our customers.

- **Customer-focused Technology.** Full custom sequencing and sorting capabilities to match our customers' production process
- **Quality Control.** Production processes that meet the refined standards of Guardian's most stringent customers
- **Owned-and-Operated Trucking Fleet.** High-frequency, multi-stop delivery capable of delivering anywhere in the contiguous United States, with a variety of trailer types to fit your needs
- **Wide-ranging Inventory.** Leverage our vast inventory and easy availability to reduce your inventory level and increase cash flow

Endless Possibilities

Guardian Glass is a dedicated partner to customers big and small with the global resources to support complex needs. These resources include:

- Technical glass experts available for structural, thermal, and acoustic modeling, as well as other complex problem-solving
- Glass testing proficiencies, utilizing in-house laboratories
- An ever-evolving float, coating, and value-added glass product portfolio designed to improve people's lives

The Galax team, backed by their Guardian Glass colleagues around the world, is ready to help your company achieve more with glass.

Standard Glass Types (other glass types available by request)	
Glass Thicknesses	1.7mm, 2.3mm, 2.7mm, 3.0mm, 3.1mm, 4.0mm, 5.0mm, 6.0mm, 8.0mm, 10.0mm, 12.0mm - Others upon request
Glass Types	Clear, Grey, Bronze, SMGII, Pattern (P516, Niagara, Spraylite, Gluechip), SatinDeco, ExtraClear & UltraClear - Others upon request
Glass Coatings	ClimaGuard® 55/27, 70/36, HT, 55HT, IS20, Shower-Guard®, SunGuard®- SN68 & SN68HT - Others upon request

Automated Insulating Line	
IGU Min Max	8" x 14" 60" x 96"
OA Min Max	438" 1.56"
Shapes	Rectangles Only

Manual Insulating Line	
IGU Min Max	8" x 14" 72" x 120"
OA Min Max	.375" 1.56"
Shapes	Standard Billco, PMC, A&W, GFS Shape catalog - Digitizing available for custom shapes

Other Insulating Capabilities	
Spacer Options	Super Spacer®, Duraseal® & Duralite®: Ranging from .188" to .813"
Sealant	Hot melt butyl
Grid Options	Flat, two tone, contour & pencil; Full complement of colors; Black/gray shadow bars; V-Groove; Shaped Grids
Other	Argon, Krypton, Capillary Tubes

Tempering	
Min Max	8" X 14" 84" x 144"
Glass Thicknesses	3.1mm to 19mm
Quality Control	Commercial bow/warp standards + Lite Sentry detection system

Lamination	
Min Max	Annealed -- 4" X 4" 84" x 144" Heat Treated -- 12" X 12" 84" x 144"
Interlayer Thickness	Range: .015 .105
Interlayer Types	Saflex®, Sentryglas® and Vanceva® colors -- Architectural, Hurricane, Acoustical, Forced Entry & Ballistic, others upon request
Stocking Program	Full range of Billet Lami in stock for quick turn deliveries. Stock list available upon request.

Heavy Fabrication	
Edgework	Flat, pencil, seam and bevel; 3mm to 19mm -- shapes included
Drill	1/8" to 2 1/2" holes
V-Groove	Polished, unpolished, shadow, plate groove -- custom designs upon request
Safety Backing	CPSC 16 CFR 1201 - Category II compliant
Water Jet Cutting	Custom cut outs & notches

Mirror	
Min Max	2" X 4" 100" x 144"
Glass Thicknesses	2.3mm, 3mm, 4mm, 5mm & 6mm
Glass Types	Clear, Ultra Clear, Bronze, Gray
Mirror Type	Copper & Copper Free
Stocking Program	Full range of Mirror sizes in stock for quick turn deliveries. Stock list available upon request.

Deco HT	
Min Max	12" X 12" 100" x 144"
Glass Thicknesses	6MM
Glass Types	Clear, Ultra Clear
Colors	White, Black & Warm Gray

Transportation	
Equipment Types	Accordion Flatbed, Drop Deck, Van, Tractor Boom
Services	Full Truckload & Less Than Truckload Deliveries

To learn more, please call 1-855-58-GLASS (45277) or visit guardianglass.com.