● ENGLISH



TEMPERED GLASS® GUIDE

SHOWER GLASS SOLUTIONS

LAURELGLASSTECH.COM

QINGDAO LAUREL GLASS TECHNOLOGY CO., LTD was established in 2003.
Based in Qingdao City, the North of China, we have become one of the most professional and reputable integrations of industry and trade with a wide spectrum of glass businesses in architecture facades, interior decoration, furniture, shower glass, and optical applications.
By more than 20 years of development, Laurel Glass has boomed into a powerful company with 280 skilled workers, 30 multilingual sales staff, 1000+ long-term cooperative customers from all over the world, and a 100,000 ㎡ workshop with top processing equipment, various processing methods, high capacity, and strong R&D ability.






Established in 2003 and based in Qingdao City in the north of China, we are a highly professional and reputable company that integrates industry and trade. We specialize in a wide range of glass products for various applications such as architecture, interior decoration, furniture, and electronic use. Our expertise lies in providing solutions for tempered glass, laminated glass, insulated glass, curved glass, and shower glass.

With over 20 years of development, Laurel Glass has grown into a strong company with 280 skilled workers, 30 multilingual sales staff, and over 1,000 long-term cooperative customers from around the world. Our workshop spans 100,000 square meters and is equipped with top processing equipment, various processing methods, high capacity, and a robust R&D capability.





1 Cutting Machine



2 Polishing



3 Waterjet Cutout



4 Waterjet Drilling



5 Glass Cleaning



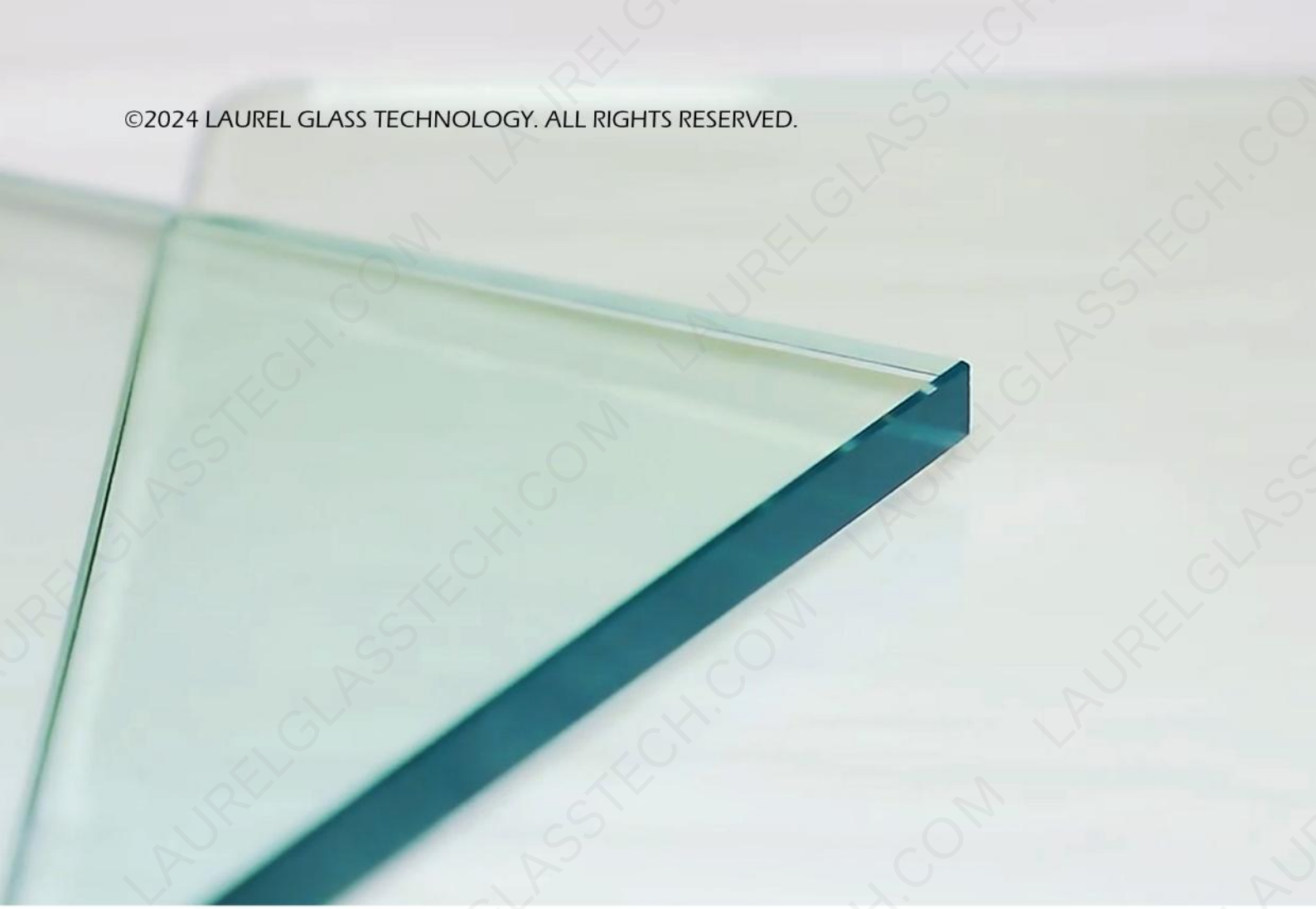
6 Tempering



Check our production video below and experience the process firsthand!

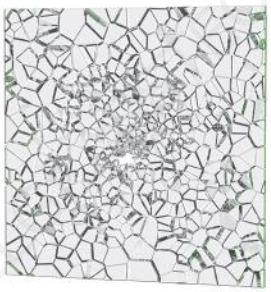
https://youtu.be/wEn4YnY60yw?si=mQK68Mi3bS-GRep3

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WHY BATHROOMS NEED TEMPERED SHOWER DOORS?

Tempered glass shower doors are essential in modern bathroom design, as they offer versatility to suit various architectural and design needs. They bring an elegant and stylish appearance to the space, while creating a feeling of openness and spaciousness, which can help smaller bathrooms feel larger.



Regular raw glass breaks into large, sharp chunks, whereas safety-tempered shower glass breaks into very small pieces. Tempering glass increases its strength, thermal shock resistance, and safety.

In addition to their aesthetic and safety benefits, tempered glass shower doors are also known for their durability and ease of maintenance.
They are a practical choice that adds value to any bathroom, providing a sleek, modern appeal while offering long-term functionality.

*Further glass safety methods available: heat soak test/ explosion-proof film

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CHOOSING THE RIGHT SHOWER GLASS

The options for shower glass go beyond clear float glass or ultra-clear glass.
We provide a range of alternatives including
ceramic frit glass, acid-etched glass, patterned glass, and tinted glass.
We will display these options on the upcoming pages.

These options not only improve functionality and aesthetics
but also offer extra privacy, making them ideal for modern bathroom designs.

Although laminated glass is available,
it is generally not used for shower enclosures due to its higher cost
and the potential risk of delamination in humid environments.



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CHOOSING THE RIGHT SHOWER GLASS

Acid-etched glass is also called frosted glass or opaque glass.
Acid-etched glass is a kind of deep-processed glass variety
that through chemical acid etching makes the surface of glass
uneven and produces a sandy translucent effect.
To make the glass fingerprint-free, longer polishing times are required.
This results in fingerprint-free acid-etched glass having
higher transparency and gloss than regular acid-etched glass.
Frosted glass can also use tinted float glass as raw materials.
* Complex patterns can be customized.













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CLEAR OR ULTRA CLEAR?

Ultra Clear glass also called extra clear glass or low iron glass. It contains only 10% of the iron that regular glass contains. Compared with the regular glass overall performance green, ultra clear glass overall is transparent and crystal clear.

It is easier to see the difference in color between ultra-clear (left) glass and clear (right) float glass through the cut-edge surface.

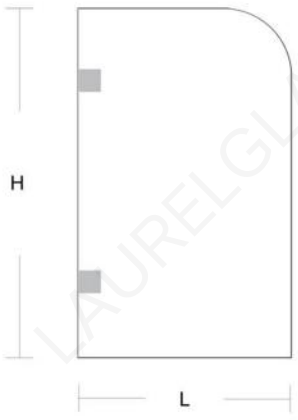
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POLISHED EDGE AND RADIUS CORNER

Flat polished edge glass is a type of glass that has had its edges polished to a smooth, sleek, clean, and glossy finish. This makes it ideal for use in shower glass, as this type of edge polish is less likely to cause injuries in the event of an accident.

On the other hand, radius corners, as the name suggests, provide a beautiful rounded edge to ensure safety and can be produced to any size you require.



H: 2000mm
L: 900/1000/1200mm





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PRECISE WATERJET CUTTING

Waterjet cutting is an advanced technique specifically designed for processing glass with exceptional precision. This method allows for clean edges and minimal thermal impact, preserving the integrity of the material without causing cracks or chips. Ideal for both custom designs and intricate details, waterjet cutting offers versatility and accuracy, making it the perfect choice for glass applications where precision is paramount.

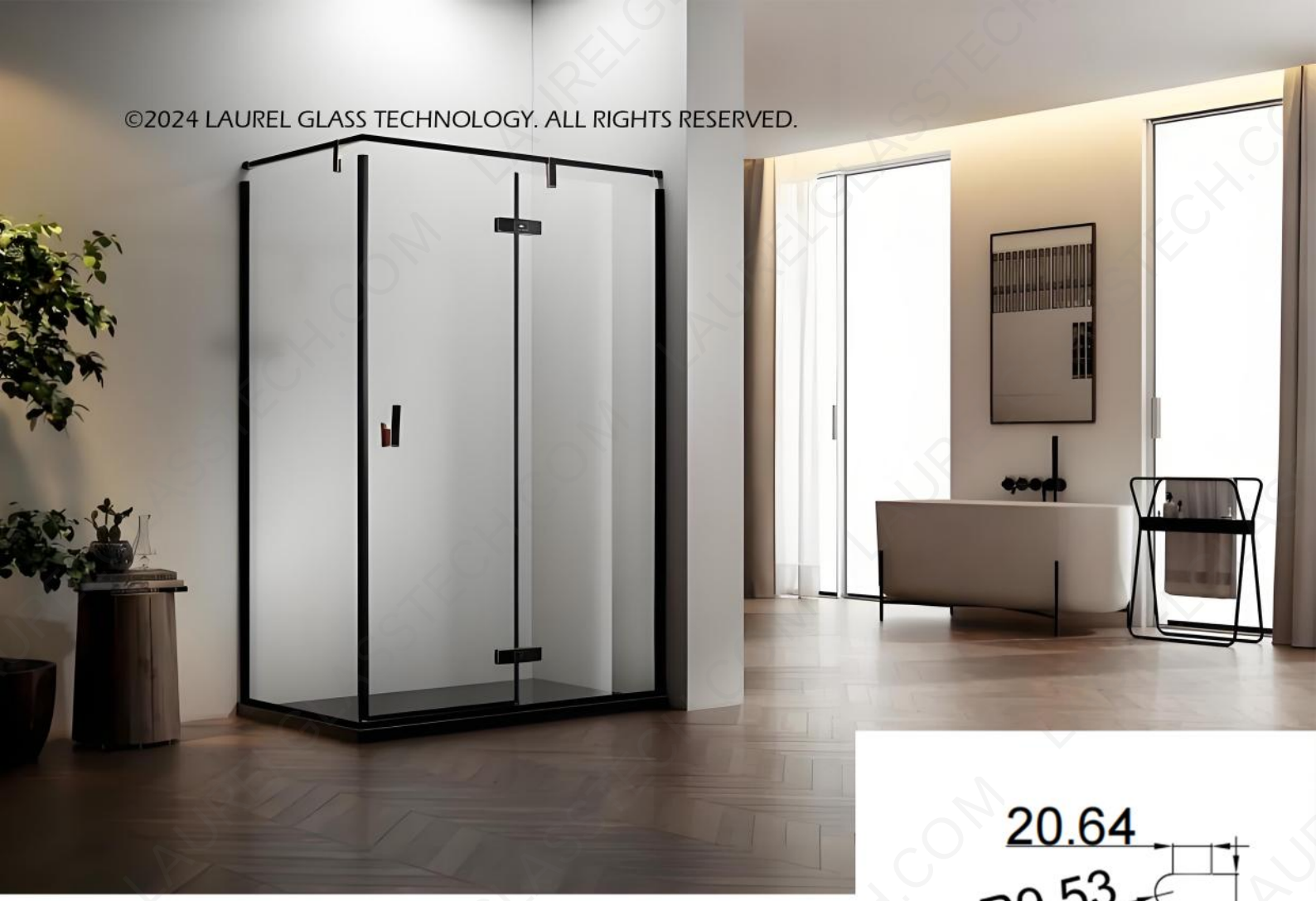
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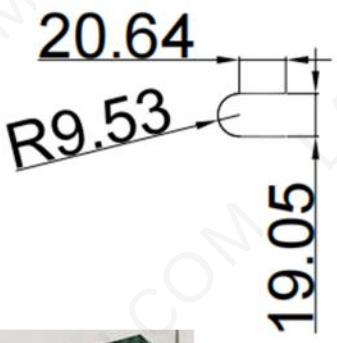
HOLES

The holes in shower enclosures made of glass
serve an essential function for installation and usability.
These precision-drilled holes allow for secure attachment of hardware,
such as handles and clips.
Sometimes, we polish the holes to serve as a substitute for handles,
providing a minimalist option.
When properly executed,
these holes contribute to both the stability and safety of the installation.



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HOLES AND NOTCHES FOR HANDLES CLIPS AND CLAMPS

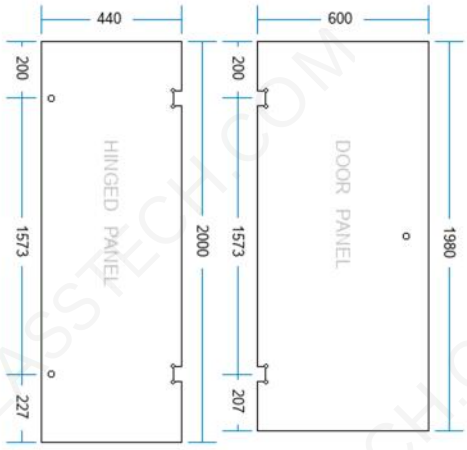




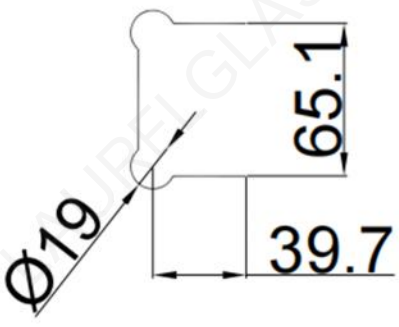


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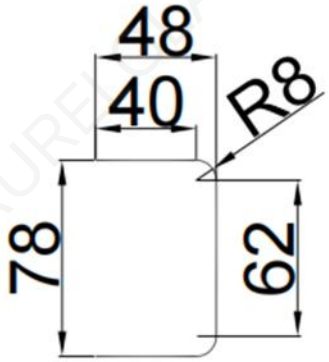
HINGE NOTCHES FOR SHOWER GLASS



Mickey Mouse and D-shaped (or U-shaped) hinge notches are specifically designed
for securing hinges in shower enclosures.
The 'Mickey Mouse' notch provides a stable and accurate alignment for hinge placement,
while the D or U-shaped notch offers a more traditional cutout for precise hinge fitting.
Both notches ensure secure attachment
and proper functionality of the hinges,
supporting the safe installation
and operation of shower glass panels.



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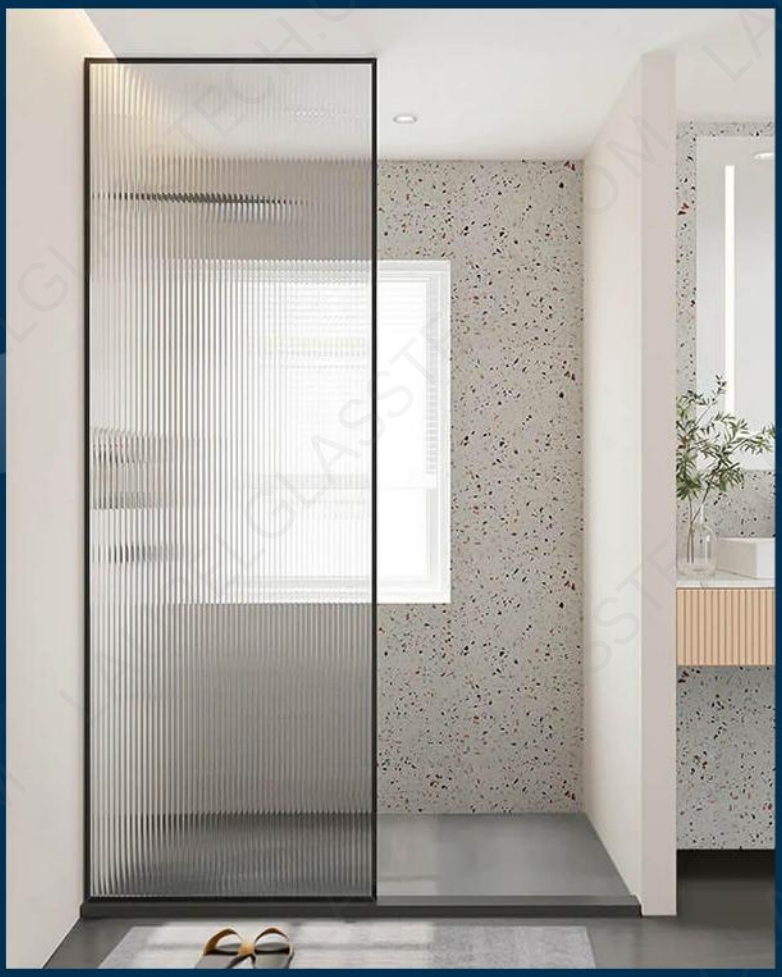


SEALING STRIPS

The shower glass seal strip is an important component
that ensures a watertight barrier between
the glass panels and surrounding surfaces.
Made from durable materials like silicone or rubber,
these strips effectively prevent water leakage,
helping to maintain a dry and safe bathroom environment.
They also provide cushioning, reducing noise and impact
when the glass doors are in use.
Available in various sizes and profiles,
these strips can be tailored to fit different shower configurations,
enhancing the overall performance of the shower enclosure.



Fixed Shower Glass Panels



Consider installing a fixed glass shower panel or shower shield to enhance both the style and functionality of your bathroom. A fixed glass shower shield is a permanent glass panel connected to your shower, eliminating the need for a traditional shower door. It acts as a shield, preventing water from spraying out of the shower. Opting for a fixed glass shower panel can offer a simple, sleek, affordable, and elegant solution for your home.

If you want to add a glass wall to your shower but are on a budget, a fixed glass shower panel could be a great option. You can cover only the necessary part of your shower or bath with a fixed panel, choosing from many options like tinted, patterned, framed, or frameless.





Sliding Shower Doors





Sliding glass shower doors, also known as bypass doors, are an effective and space-saving solution for smaller bathrooms. These doors feature two glass panels that slide on a built-in track parallel to each other, allowing for seamless functionality in straight, angular, and curved shower configurations. The versatility of these doors makes them suitable for various shower shapes, ensuring that they can be seamlessly integrated into any bathroom layout.



The effortless sliding mechanism enables easy opening, allowing for a shower experience that feels open and spacious. Additionally, the inward-sliding design of these doors contributes to their space-saving benefits, making them an ideal choice for maximizing space in smaller bathrooms. Sliding glass shower doors provide both functionality and aesthetic appeal, making them a versatile and practical option for any bathroom.

Hinged and Pivot Shower Doors

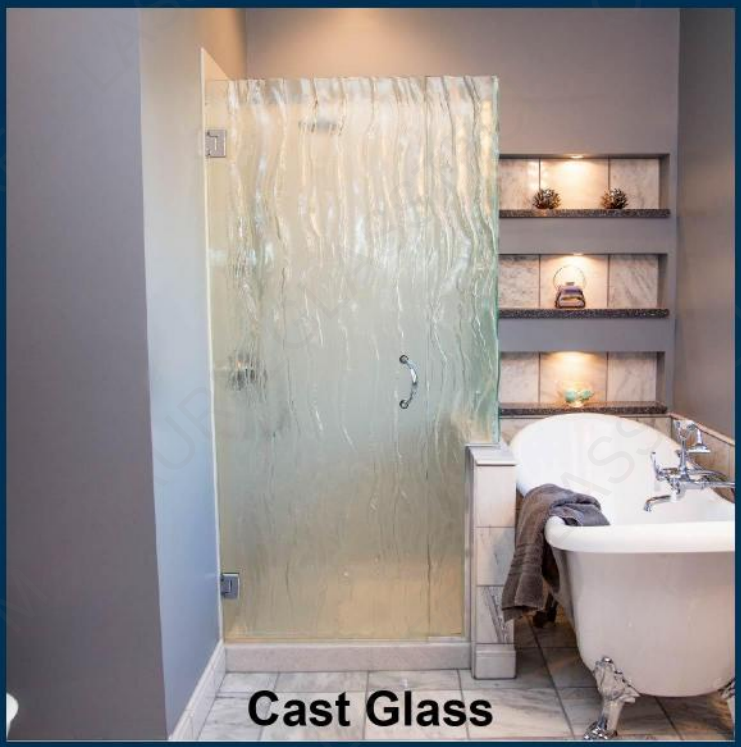




Pivoting shower doors are suitable for both small and large bathrooms, and can serve as a focal point in the overall design. The trackless style is easy to clean and has a sleek, low-profile appearance, making it a good choice for luxurious bathrooms.



A pivot shower door is a swinging door that has a pivot hinge, allowing the door to open 180 degrees in either direction - inward or outward, including curved glass doors. This type of door can make a sophisticated statement in any bathroom, regardless of style or aesthetic.



Pivot doors are available in framed, semi-frameless, and frameless varieties. Most pivot doors use clear glass, although some come with tinting, patterns, and frosted styles. They typically require minimal customization during installation, maximizing the use of available space.

Neo-Angle Shower Doors



A neo-angle shower door is an excellent space-saving option for small bathrooms. This type of door is designed to fit into the corner of a bathroom, with two smaller side panels running perpendicular to the two side walls and the door centered between them.



The standout feature of most neo-angle shower designs is the truncated outer corner. By cutting down one corner of the shower on a 45-degree angle, it adds approximately one and a half square feet to the overall floor space of the bathroom. This makes it ideal for small bathrooms.



Neo-angle shower enclosures come in various sizes, but their primary benefit is their ability to save space while offering a modern look for your bathroom. The doors are typically made of clear glass, but translucent glass can be used for added privacy if desired.

Semi-Frameless Shower Door



Moru Glass

The semi-frameless enclosure is equipped with framing on the sides of the larger piece, leaving the door panel free of framing. This design allows for a seamless view into the shower while offering the benefits of some protective framing.

Homeowners who opt for semi-frameless shower doors can achieve a sleek and contemporary look, with the added advantage of partial framing providing a balance between framed and frameless designs.

This type of shower door allows for a partially unobstructed view into the enclosure, creating a more open and airy feel in the bathroom.

Frameless Shower Doors

Consider upgrading your bathroom with rain glass or clear frameless shower doors to bring a modern touch. The simple beauty of frameless doors gives your bathroom a clean and elegant look, creating the appearance of a fully open shower enclosure.



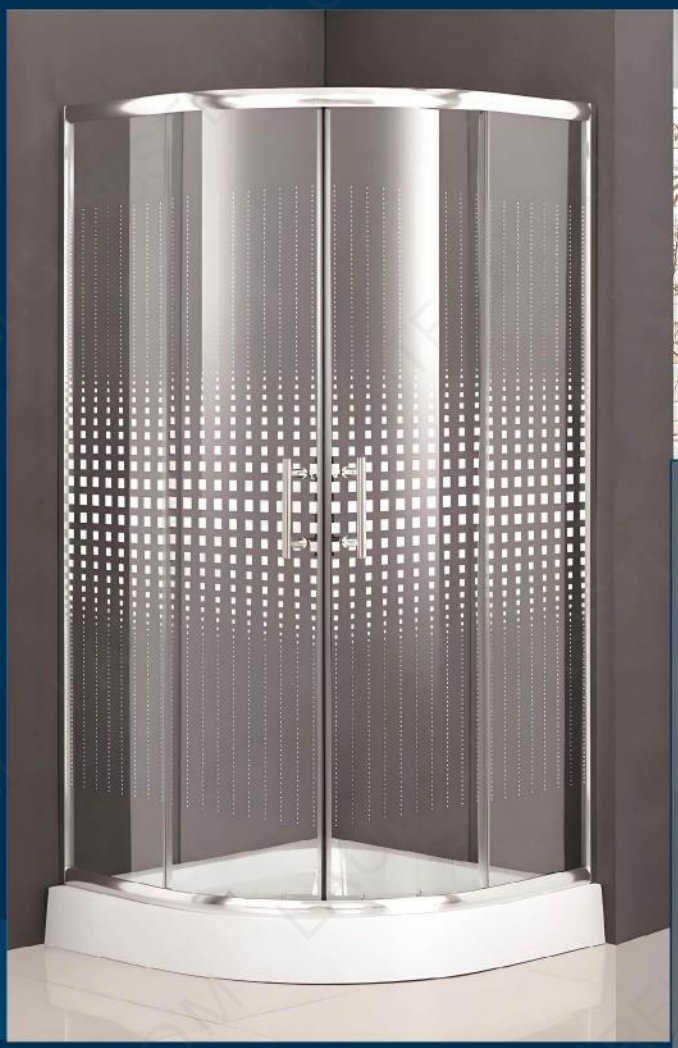


Rain-S Patterning Glass

Frameless shower doors are crafted from glass panels that are directly attached to the wall without metal framing around the edges. These doors are secured in place with clips, hinges, and caulk joints to ensure stability and rigidity, typically utilizing 3/8 inch or 1/2 inch thick tempered and polished safety glass.

Keep in mind that the thicker glass required for frameless doors adds to the cost, typically amounting to at least double the expense of glass for a framed shower door.

Rounded Shower Glass







Ceramic Frit Glass

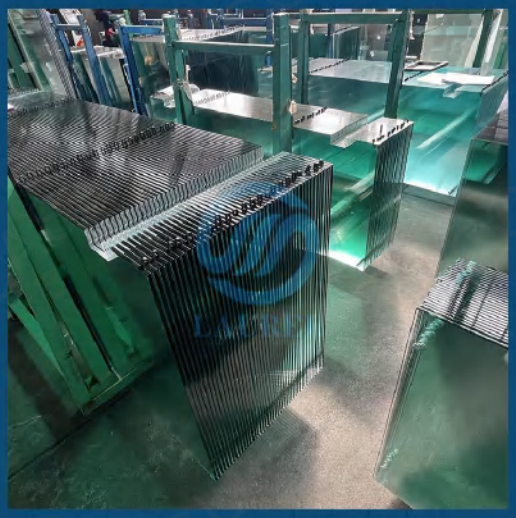
Curved glass shower enclosures enhance the beauty of any bathroom and are often found in upscale residences. These enclosures come in a wide selection of fabrication, finishes, and glass options, allowing you to personalize your bathroom space. The sleek rounded shower glass doors not only add elegance but also maximize space and allow for easy movement within the shower. With smooth, curved glass, these doors offer a modern aesthetic that seamlessly fits any bathroom layout. Rounded shower glass strikes a perfect balance between style, practicality, and luxury and is available in a range of finishes and sizes to match your unique taste.

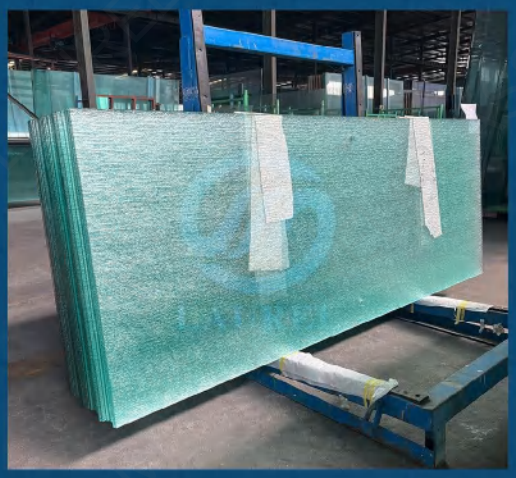






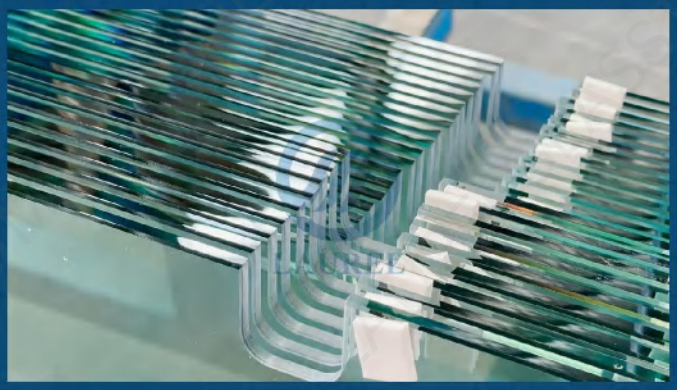
Precision Cut-out, Polish & High-Quality Glass Solutions





Our commitment at Laurel is to deliver meticulously crafted, high-quality glass products that perfectly combine precision and durability. We only choose the top-grade float glass and patterned glass for tempering. Our cutting-edge machinery, combined with expert glass polishing techniques, guarantees smooth, crystal-clear edges for a polished, professional finish. From standard flat polished edges to intricate designs like Mickey Mouse cut-outs, our advanced equipment ensures flawless execution with exceptional accuracy. Every hole, notch, and glass piece undergoes strict quality control to ensure lasting strength and unparalleled beauty.





No matter the complexity of your project, we guarantee precision, durability, and a seamless integration into your space. With Laurel's customizable shower glass, you can create a truly unique, luxurious bathroom that reflects your style.

Customizable Packaging for Every Need

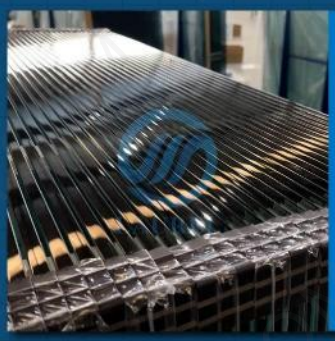
At Laurel, we provide packaging solutions tailored to your project's scale and transportation needs:



· Standard Plywood Crates:
Ideal for sea transportation and bulk sales, our durable crates ensure your glass products arrive intact, no matter the distance.



· Single Packaging:
For retail customers, we offer individual packaging using carton boxes or honeycomb boxes with foam board, providing extra protection and ease of handling.



· OEM Packaging Available:
Customize your packaging to match your brand or specific requirements.



We offer various transportation options, including convenient door-to-door service, to ensure the safe delivery of your glass wherever it's needed.

FAQ

Q: Can you do the design for us?
A: YES

Q: What is your terms of delivery?
A: FOB, CIF, CFR

Q: What about the lead time for mass production?
A: 7-15 days

Q: What's the MOQ for your production?
A: One set

Q: How do I get a quote for shower glass?
A: Please provide us with the following details for your requirements:
- Glass thickness
- Type of glass
- Glass sizes
- Quantity

It would be helpful if you could also provide a drawing indicating where you would like holes and notches to be placed. Once we receive this information, we will send you our best offer within 12 hours.

Q: What is safety tempered shower glass?
A: Regular raw glass breaks into large, sharp chunks, whereas safety-tempered shower glass breaks into very small pieces. We are SGCC-certified, and a tempered logo will be printed on the glass if you require it. Note that once the glass goes through the tempered process, absolutely no fabrication can be done to the glass. Any drilling or cutting will result in the glass shattering.

Q: Is there a standard size for shower door?
A: We suggest that you customize it according to the actual size, instead of buying the standard size.

Q: Can you offer hardware?
A: We can offer handles, towel bars, clamps, clips, U-channels, hinges, seals, and hook with different finishes like matte black, brushed Stainless, polished stainless...

Q: Why choose LAUREL GLASS?
A: We strive to build long-term relationships with our customers by offering superior value in terms of services, high-quality products, and meeting agreed deadlines.
As leading manufacturers and suppliers in China, we specialize in custom OEM glass. Simply provide us with the glass size, holes, and cutout specifications, and we will send you a precise production drawing for your approval.
For those who are shower door glass wholesalers, we are confident in our ability to be your long-term partner, offering competitive prices and quality.

MANUFACTURED BY LAUREL

Unlock new possibilities in shower glass design.

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