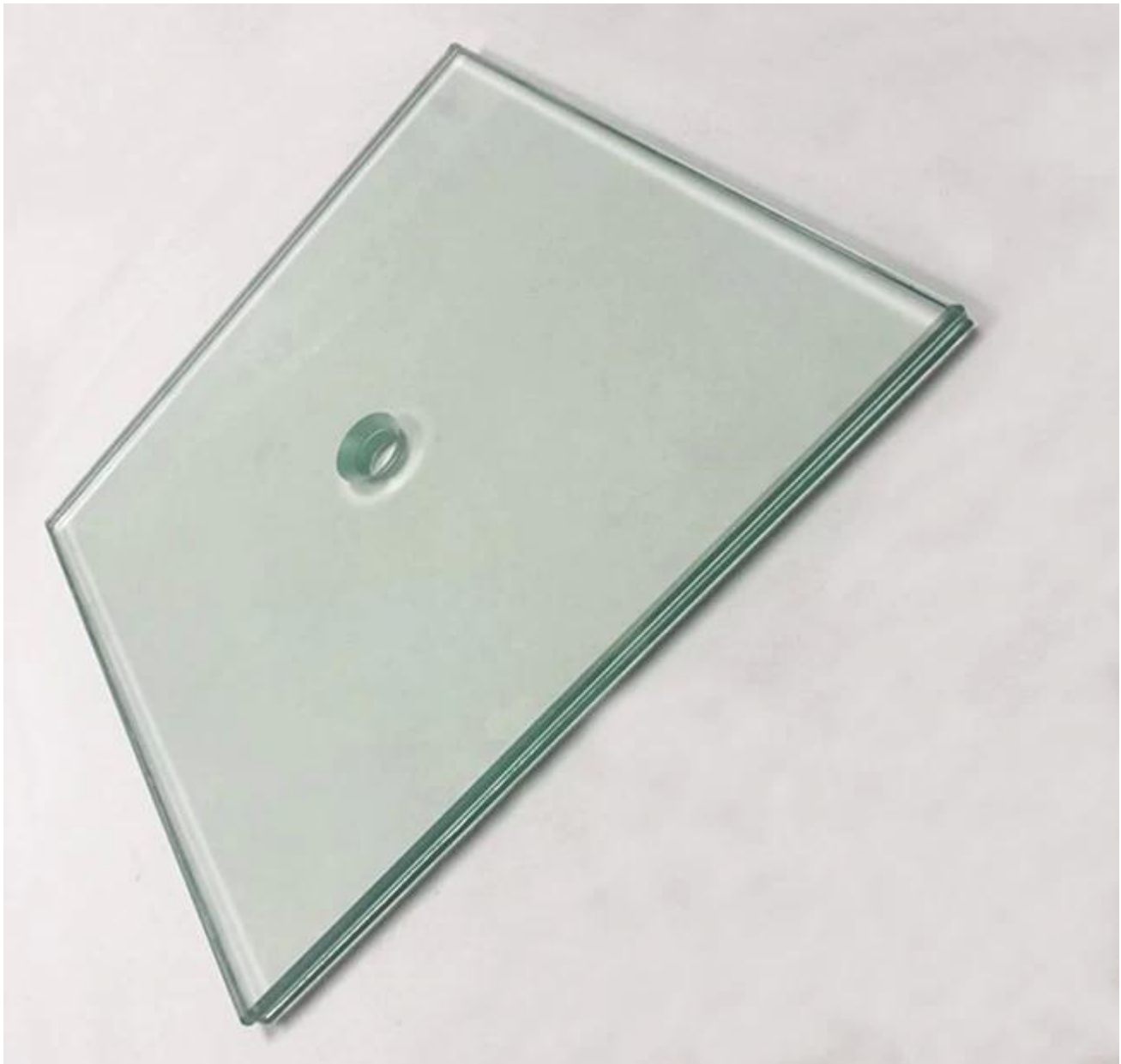


Factory manufacture buildings tempered laminated glass customized size in China

About tempered laminated glass

Laminated tempered glass is made up of two or more sheets of tempered glass bonded together with a plastic(pvb/eva/sgp) interlayer. after the plastic has been placed between the glass sheets, the whole assembly is subjected to heat and high pressure. This results in the complete adhesion of the vinyl and the glass.





Tempered laminated glass VS single tempered glass

Single panel tempered glass when broken, the glass particles are small and are relatively harmless, and tempered laminated glass if been broken, the small splinters still bonding together by pvb/sgp interlayer and not scatter to drop off hurt people. Relatively speaking, Tempered laminated glass is more stronger than single tempered glass.and laminated glass with interlayer (PVB / SGP / EVA) can soundproof and present UV, So tempered laminated glass is widely used in high security space for building curtain wall,doors,indoor partition, roof, floor,etc.

Different from EVA tempered laminated glass/ PVB tempered laminated glass /SGP tempered laminated glass ?

EVA tempered laminated glass	EVA tempered laminated glass dampproof performance better than PVB/SGP tempered laminated glass,but lower Anti-UV protection,and be used in indoor partition.
------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------

PVB tempered laminated glass	PVB tempered laminated glass have high cold-resistant, Anti-UV, soundproof performance, it is good building material for building wall and car glass. but cost is higher.
SGP tempered laminated glass	SGP tempered laminated glass has five times damaged stronger than pvb tempered laminated glass and easy to store. Application in hurricane-prevent environment.

Advantages of tempered laminated glass

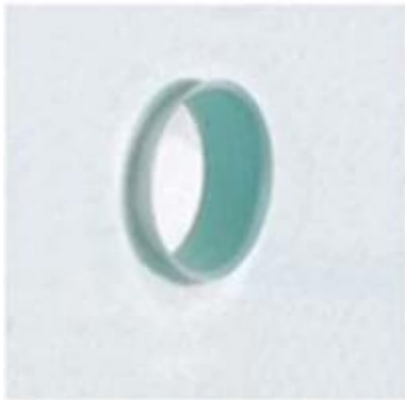
- 1: **Strength:** tempered laminated glass be consist of two tempered glass, tempered glass is 5 times harder than ordinary float glass with excellent mechanical strength and safety performance.
- 2: **Sound insulation:** tempered laminated glass with PVB film can effectively prevent sound wave.
- 3: **High security:** when tempered laminated broken, the splinters will stick to the interlayer and not scatter.
- 4: **Anti-UV:** tempered Laminated glass can effectively present UV.
- 5: **Customized:** Sizes of tempered laminated glass are produced per customer request.

Specification:

Glass name:	tempered laminated Glass
Glass Size:	flat shape: 3300x12000mm, curved shape: MinRadius:480mm, MaxArc length≤1650mm, MaxHeight≤2440mm; MinRadius:900mm, MaxArc length≤2220mm,Max Height≤3300mm; MinRadius:1000mm,MaxArc length≤2440mm,Height≤5500mm;
Single glass thickness:	5mm, 6mm, 8mm, 10mm, 12mm, 19mm, etc
Glass color:	clear, ultra clear, grey, green, blue, bronze etc.
Inter-layer film thickness:	PVB /EVA film: 0.38mm, 1.14mm, 1.52mm, etc SGP film 0.76mm, 1.52mm, 2.28mm, 3.04mm, etc
Inter-layer film color	Clear, red, white, yellow, green, blue any color
Application	curtain wall glass, skylight glass, stairs glass, glass partition , floor glass, etc curtain wall glass, skylight glass, stairs glass, glass partition , floor glass, etc.
Combine glass:	clear tempered laminated glass, low iron tempered laminated glass, frosted tempered laminated glass, tempered laminated glass, insulated laminated glass heat soaked tempered laminated glass, tempered laminated insulated glass, low e tempered laminated glass. Reflective tempered laminated glass , curved tempered laminated glass, etc.

Deep processed

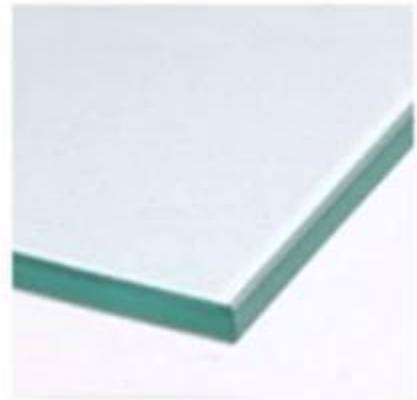
cut to size,drilling holes,cutout /notch, printed ,frosted, and so on.



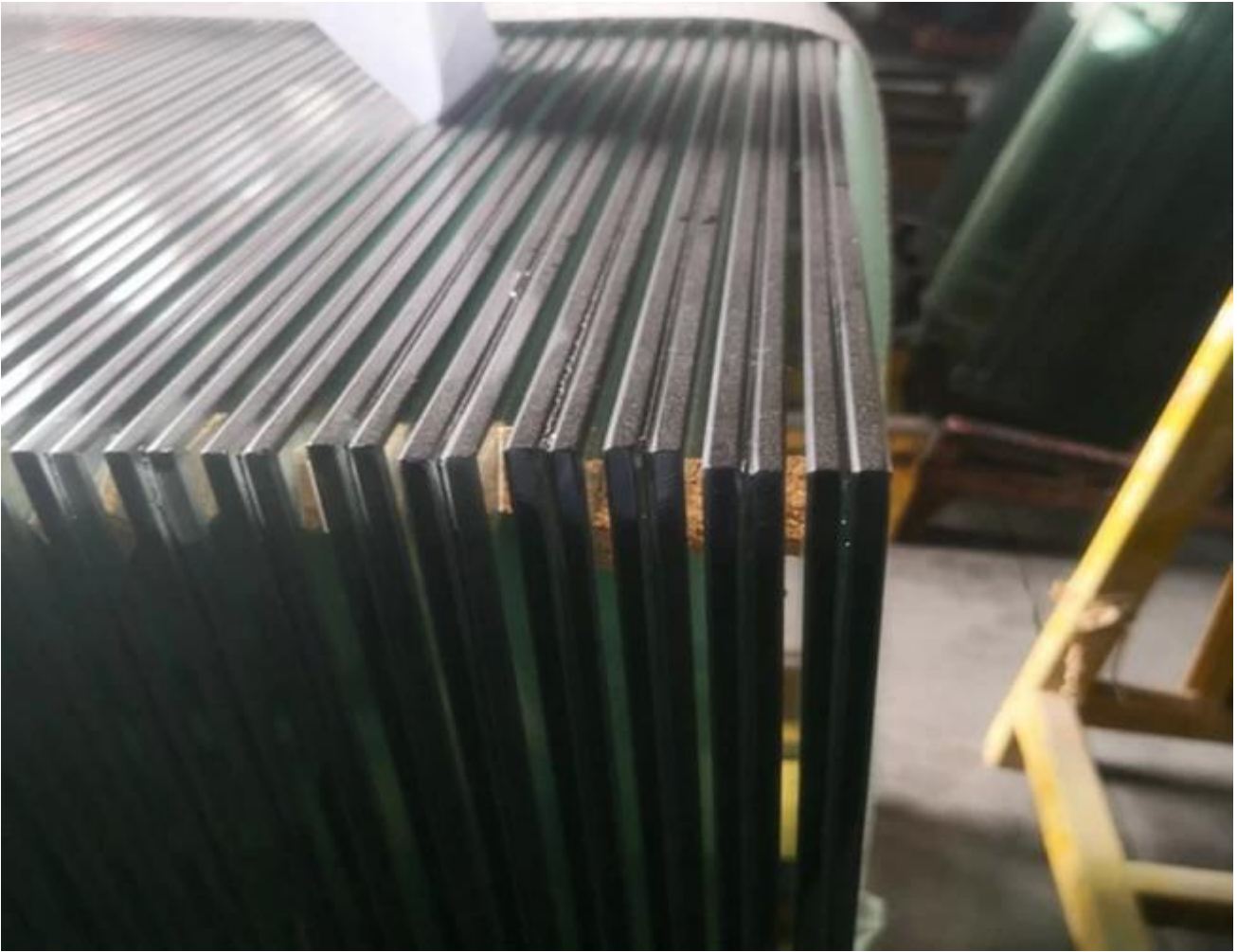
Holes



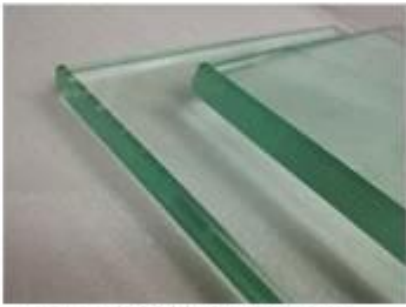
Notches



Edgework



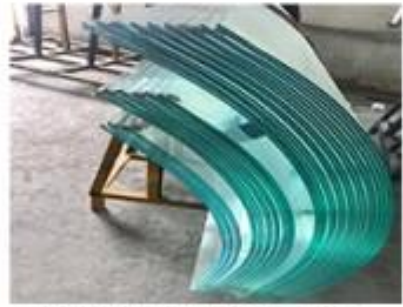
The combine sample of tempered laminated glass



clear laminated glass



colored laminated glass



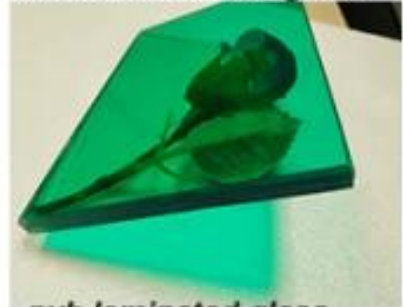
curved laminated glass



eva laminated glass



insulated laminated glass



pvb laminated glass



tempered laminated glass

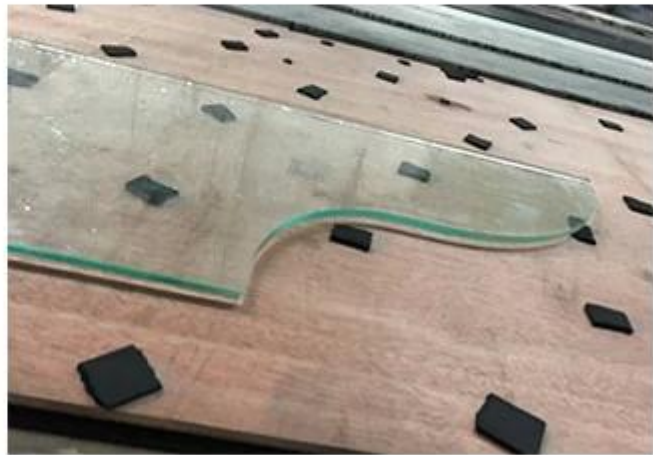
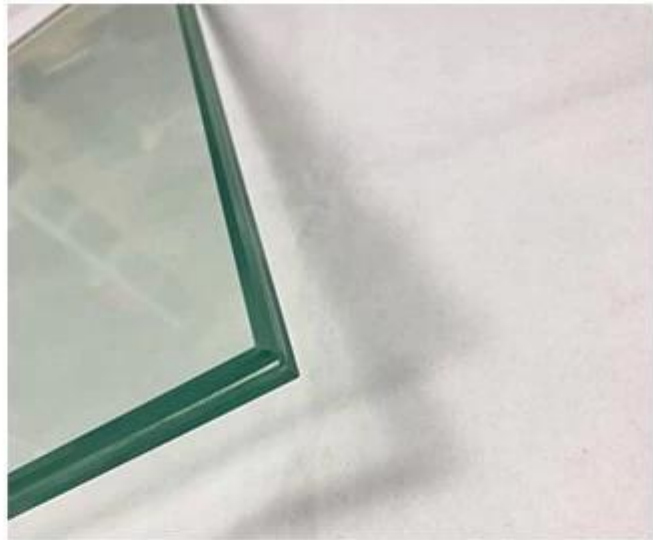
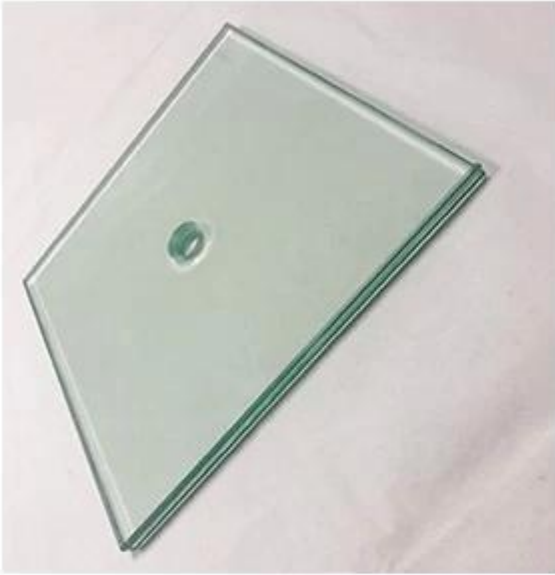


acid etched laminated glass



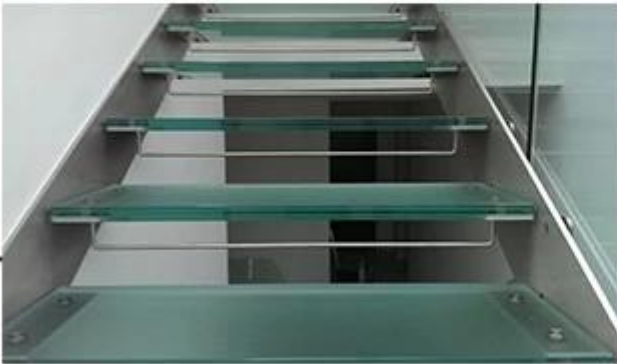
laminated fabric mesh glass

The details of tempered laminated glass cut to size, drilling holes show .

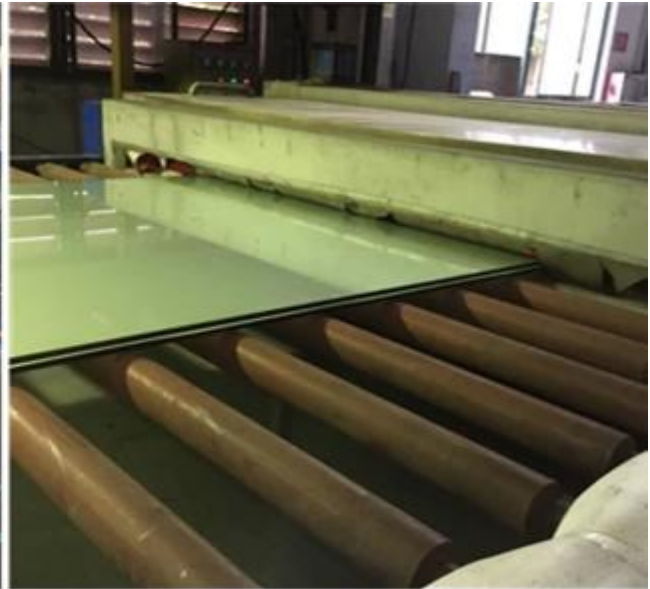
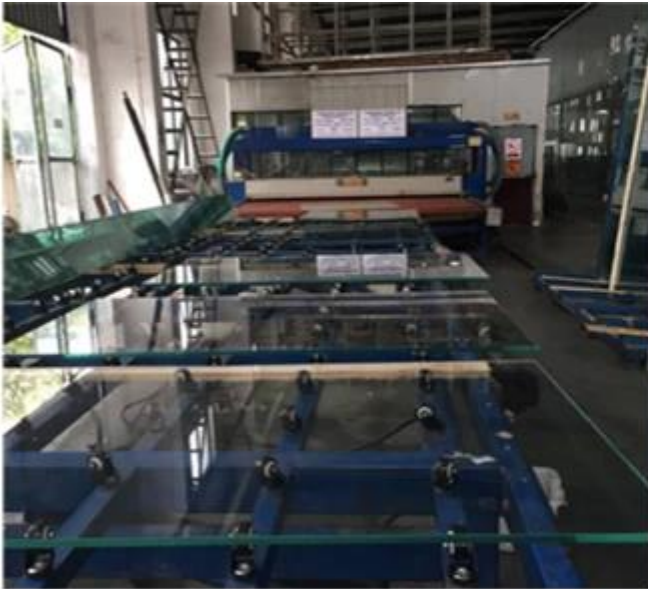


Application for tempered laminated glass

Laminated tempered glass is widely used to curtain wall, balustrade, doors, railing, partition, roof, stair, etc



Product line



The processing of tempered laminated glass

1. Cutting procedure → 2 grinding edges processing → 3 tempered glass heat strengthened



4. Heat soak testing →



5. dust-free constant temperature humidity



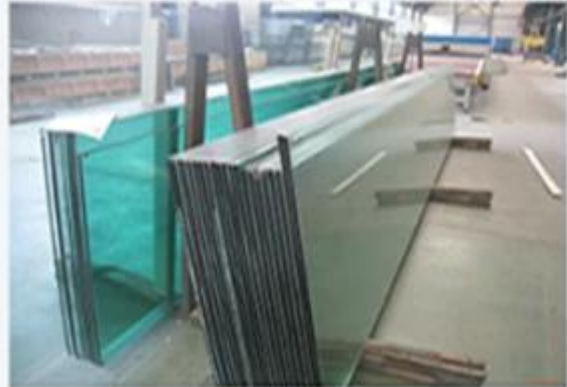
7. Autoclave ←



6. laminaed glass product line ←



8. large glass come out →



9. packing

