

# 8mm ultra clear curved glass panel for glass jewelry display cabinet



## What is the ultra-clear curved glass panel?

A curved glass panel also referred to as bending glass, is glass that has been heated past its softening point and formed into a curved shape. Generally speaking, there are two types of curved glass panels: – [hot bent glass and](#) cold bending glass.

**Hot bending glass** is annealed for gravity bending. The glass panel is placed on or into a mold and heated up to glass softening temperature and then slowly cooled down after the

exact shape is finished shaping. This method allows you to achieve many different shapes. But it is time-consuming and the production cost is high.

**Cold bending glass** is also called curved tempered glass, or curved toughened glass. It is processed in a tempered oven. After the desired shape is achieved in the curved mold in the tempering line, It will be cooled down rapidly to room temperature with the strong windjet. Cold bending glass (curved toughened glass) has 5 times higher strength than normal annealed glass.



**Why use an ultra-clear curved glass panel for a glass jewelry display**

# cabinet?

1. The ultra-clear curved glass panel has very strong light transmittance. Its perfect transparency assures you are able to obtain the perfect visual effect of natural color for your glass jewelry display cabinet.
2. The extra-clear curved glass panel offers a clear view without distortion of colors. It shows the true color of an object and enhances the aesthetics of the curved glass display cabinet.
3. Curved glass panels' 360-degree visibility makes them ideal for a curved glass display cabinet for products to be viewed at all angles.



*clear glass VS ultra-clear glass*

## Key features of curved glass display cabinet glass

- Unique round or oval shape
- Clear view



- LOGO can be customized
- professional glass bending process technology, concise and beautiful, but also strong and durable.

## Specifications

<b>Glass Thickness</b>	4 mm, 5 mm, 6mm, 8mm, 10mm, 12mm, 5+5mm, 6+6mm, etc;
<b>Glass Color</b>	Clear Float, Ultra Clear glass;
<b>Glass Style</b>	Flat Tempered Glass, Curved Tempered Glass, Hot Bending Glass, Laminated glass;
<b>Glass Size</b>	As customized;
<b>Glass Style</b>	Clear Float, Extra Clear glass;
<b>Tempering Type</b>	Curved glass, Flat glass;
<b>Edge Work</b>	Flat Polished Edge
<b>Shape and Curved radius</b>	As customized;
<b>Min Radius</b>	900mm for Bent Laminated glass, Otherwise Will be Subject to Hot Bending Glass Process;
<b>Max Arch</b>	3300mm, Height 3300mm, etc;
<b>Quality</b>	CE/ASTM/AS/ISO9001/BS/CE;
<b>Packing</b>	Strong plywood crates;
<b>Capacity</b>	3000SQM/day;
<b>Production time</b>	20 days after the order is confirmed.

*8mm ultra clear curved glass panel for glass jewelry display cabinet*

# Quality

- Subject to CE;
- Subject to SGCC;
- Subject to AS;
- Subject to BS.

# Applications











**Production process details**

## Cutting and Edging

When float glass comes off the manufacturing line it is a flat sheet. Large sheets of glass are scored into a range of end-use sizes. After that, these individual pieces of glass are edged on a vertical line and sent to an industrial washer.



## Curved glass mold

The hot bending process usually begins with steel pieces. That forms a mold as a baseline for the glass that they will bend into the desired shape. Once the mold is completed, it's



preheated to the desired temperature for about an hour before the glass is put into the mold. Any great temperature disparities between the mold and the glass could cause the glass to shatter, so preheating the mold is very important.



## Hot bending

After the mold is preheated and removed from the kiln, the glass is placed on top of it, and the whole thing is loaded back into the kiln. Once the kiln reaches the desired temperature – about 700 degrees C – the molecules in the glass begin to speed up and it begins to melt and bend, bending can be solely based on gravity. Alternatively, the glass bending process can be assisted in which a mechanical bending press forces the glass into a target shape. The shape is then slowly cooled to avoid any residual tension in the glass, completing the hot bending glass.



**Produce process details**

















# Packing details and delivery



*thick foam pads to prevent the glass from banging around inside the case*





*sturdy plywood crates to ensure safety during long-distance transportation*

[Shenzhen Dragon Glass](#) is one of the top 5 curved glass manufacturers in China. Our curved glass panels used for curved glass display cabinets is popular with luxury stores, boutiques, and jewelers.

Contact us at any time if you are looking for a glass for the elegantly curved glass display cabinet.