

## **10mm transparent curved tempered glass supplier, heat soak tempered glass panel, heat soak curved glass**

10mm heat soak curved tempered glass is heating and quickly cooling down to form compression pressure at glass surface, then through the mold shaping by computer control and the quick cooling, to change glass radius. At last heat soaked processing, tempered glass panels are loaded onto an A-frame cart, rolled into an oven and exposed to temperatures of 288°C to 316°C (550° F to 600°F). After the coldest glass panels reach that temperature, a soak timer is started. The soak time is typically between two and eight hours.

Heat-Soaking tempered glass process is a method that reduces the incidence of spontaneous breakage in the tempered glass caused by nickel sulphide.

### **Advantages of heat soak tempered glass**

1. **Extreme strength** : 5 times harder than ordinary glass, stronger resistance to thermal breakage than annealed or heat strengthened glass. Once breakage occurs, the glass disintegrates into small cubical fragments, which are relatively harmless to human body.

2. **Safety**: Normal probability of spontaneous breakage of tempered glass that is about 9‰, after heat soaked processing, it will drop to 3‰.

3. **Heat Resistance**: Tempered glass is also more heat resistant than normal glass. This is another effect of the process to "cure" and Heat soaked the glass. Since heat is applied during the process, the molecules become more resistant to higher temperatures.

### **Specification**

Glass name: 10mm curved tempered heat soak glass

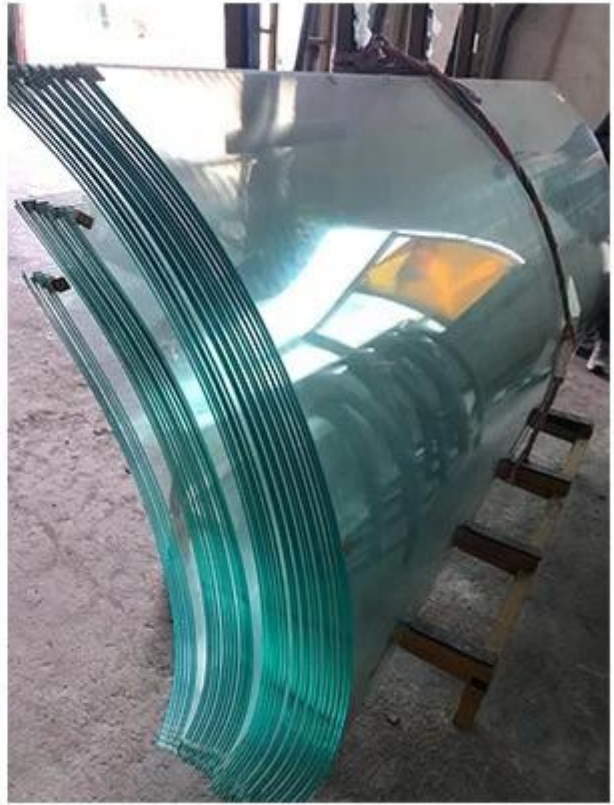
Shape: Curve, Flat

Size: customized size

thickness: 4mm 5mm 6mm 8mm 10mm 12mm 15mm 19mm all available

Application: can be used for glass lift and stainless, curtain wall, fence, railing etc.

Colors: Clear, Extra Clear, Bronze, Grey, Blue and Green etc..



**Application for lift and stainless, curtain wall, fence,railing etc.**



**Product line :**



*cut out*



*water jet*



*drilling machine*



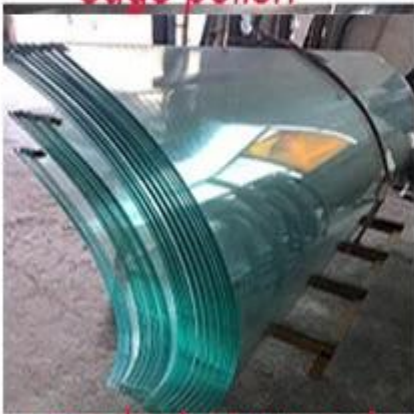
*edge polish*



*tempered glass*



*heat soak machine*



*product come out*



*packing*



*packing complete*

**Curved tempered glass certification for ISO,CCC,CE,BS6206,EN12510 etc.**

