

# Heatproof and soundproof curved insulated glass

## Introduction

Curved insulated glass, also call curved IGU, curved double glazed units, it is a kind of heat resistant and sound control glass, made by two or more panes of [curved glass](#) separated by the aluminum spacer and sealed together at the edge. The insulating airspace is filled with dry air or a noble gas (such as argon gas), to slow the heat exchange and reduce noise levels. The aluminum spacer is filled with silica desiccant pellets to ensure removal of any moisture in the airspace. It is designed to keep interior warmer in the winter and cooler in the summer.

## Characteristic

### • Customized design

We could custom made any composition curved insulated glass to match owners or designers any requirements like high light transmittance, excellent solar heat reflection performance, low U-value, etc.

### • Thermal Properties

The U-value is effectively lowered by curved double glazing units and can be further reduced by filling of inert gases like argon gas;

### • Acoustical Insulation

Insulated glass has good sound proof function, can reduce noise from 80dB to 40 dB;

### • Condensation

Our bent insulating glass is without any fog even the temperature is reach to  $\pm 50^{\circ}\text{C}$ , to make sure the glass could be used very long time even in severe weather.

## Specification

- Spacer Fill: Dry Air, noble gas like Argon, etc.
- Size: Max height 5500mm, Max Arc 2440mm, Mini radius 680mm, any customized size
- Thickness: 4+9A+4mm, 5+9A+5mm, 6+12A+6mm, [8+12A+8mm](#), 10+10A+10mm, 12+16A+884, 10+12A+10+12A+664, any customized thickness
- Seal silicone: Isobutylene Isoprene Rubber, structural Rubber, Silicone Rubber, Polysulfide Rubber
- Glass Type: Clear curved tempered insulated glass, ultra clear low iron tempered insulated glass, curved reflective laminated insulating glass, low-e tempered laminated insulated glass, color decorative curved insulated glass, triple curved safety insulated glass, any customized composition

## Application

- Windows and doors;
- [Structural facades](#) and architectural curtain walls;
- Interior partition walls and shopfronts;
- Refrigerator and any others.

## More details:

- Production time: within 10 working days after order is confirmed;
- Package: All the glass pack in strong export plywood crates to avoid breakage;
- Payment term: TT 50% deposit before production, TT 50% balance before shipping in FOB, or after cargo

ship out in CIF, L/C at sight is acceptable;

- Need more details, please [contact us](#) any time.

