

Custom made jumbo size single and double silver low-E tempered insulated glass

About Jumbo Size low-e Tempered Insulated Glass

Low-e tempered insulated glass, is low-emission coated glass. It is made of two or more safety [tempered glass](#) sheets and one or more low E coated to save energy. The low-e coating of Low e double glazing can be **single coated Low-e, double coated Low-e, three layer coated Low-e** with different properties and colors. Low-emissivity glass has a low level of radiant energy. Low-E glass is made by applying a specific metal coating (silver, zinc or tin) to the surface of the glass to reflect heat.



Characteristics of low-E tempered insulated glass

1. Optical properties

The visible light transmission of insulating glass systems is usually in the range of 7-80%. Has good lighting effects.

2. Thermal performance

The double glazing unit can effectively reduce the U value and further reduce the U value by filling an inert gas such as argon.

3. Acoustic insulation

[Insulated glass](#) has good sound insulation and can reduce noise by more than 30 dB.

4. Condensation

The dew point of KUNXING GLASS hollow glass is lower than -65°C , ensuring that no condensation water will form in normal applications.

5. seal

Double sealing with butyl rubber, polysulfide sealant or structural adhesive ensures excellent sealing and long life.

Application of low-E tempered insulated glass

1. In the very hot climate, the perfect choice of glass for windows and doors is Low-E Insulating Glass.
2. large -scale [curtain wall](#) and facade glazing
3. Interior partition

