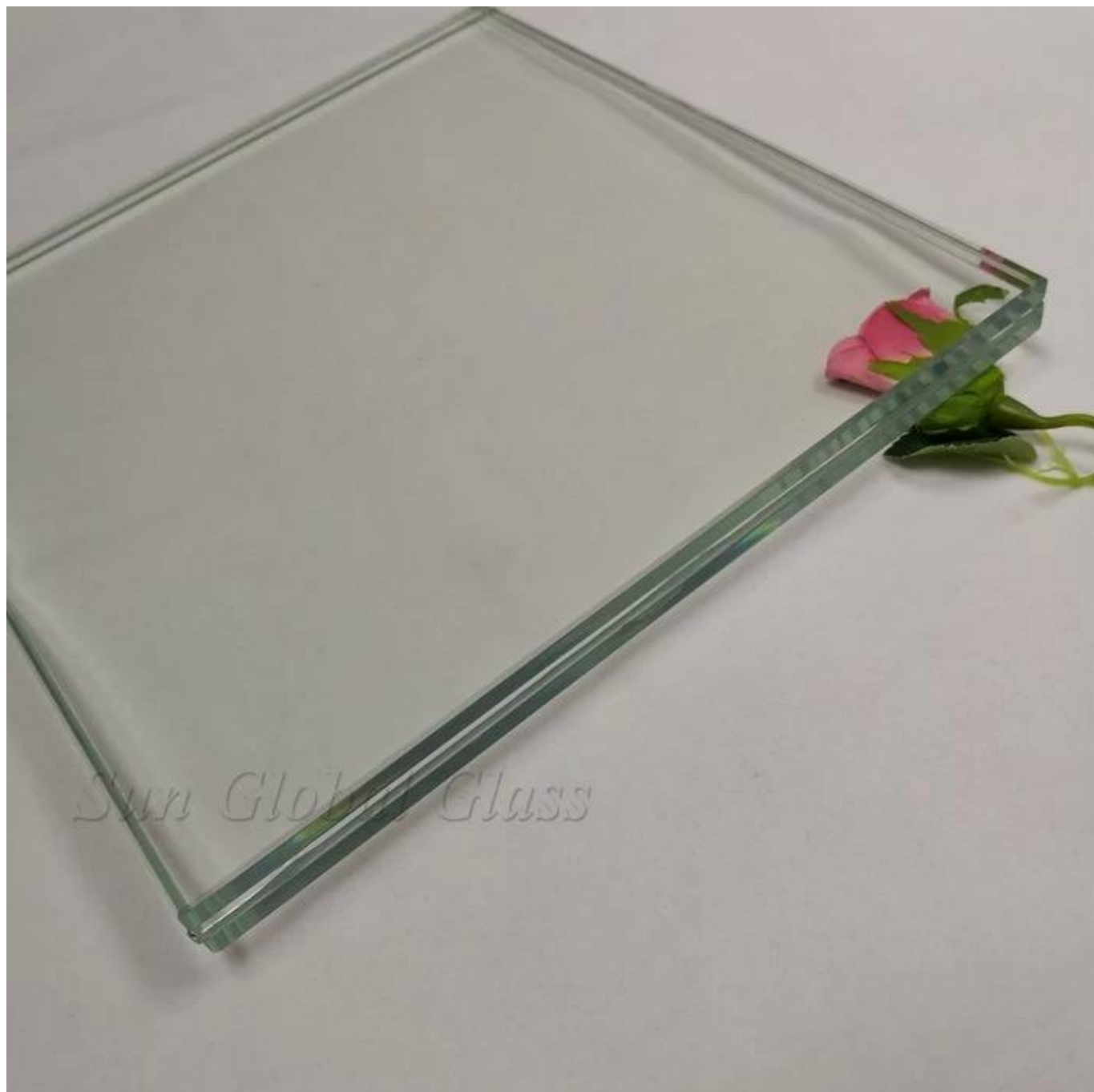


## **SZG 10mm thick Extra Clear Tempered Glass + 2.28mm Clear SGP+ 10mm thick Extra Clear Tempered Glass- Best SGP Laminated glass Manufacturerin China building glass industry**

22.28 mm thick SGP Laminated Tempered Low Iron Glass are made by two layers of [10mm low iron tempered glass](#) and with one layer of SGP interlayer film. Compare to PVB or EVA, SGP laminated glass are with highest strength and Cohesiveness, make the SGP laminated glass is easy to adapt to the latest and most stringent requirements of today's construction market, used widely as glass balcony, glass bridge, and glass exterior wall etc.







### **Features:**

1. The tear strength of SGP interlayer film is at least 5 times than PVB film and hardness of SGP film is 100 times than PVB.
2. With highest stickiness, SGP laminated glass have the function of hurricane resistance, can resist big storms.

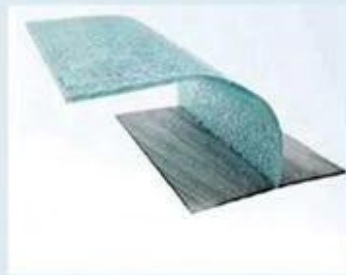
3. SGP laminated glass have extremely durable and resistant features, It can keep the glass in flawless and transparent after years of exposure.

4. SGP laminated glass is suitable for frameless design that open in air, such as balcony railing, have better performance than PVB glass design in that area.

5. SGP laminated glass have excellent safety performance after broken.



Tempered Glass



Pvb Laminated Glass



Sgp Laminated Glass

## Specification:

Glass Substrate Options: Low iron SGP laminated glass, transparent SGPlaminated glass, tinted SGP laminated glass, reflective SGP laminated glass, silkscreen SGP laminated glass, Low-E SGP laminated glass, frosted SGPlaminated glass, etc.

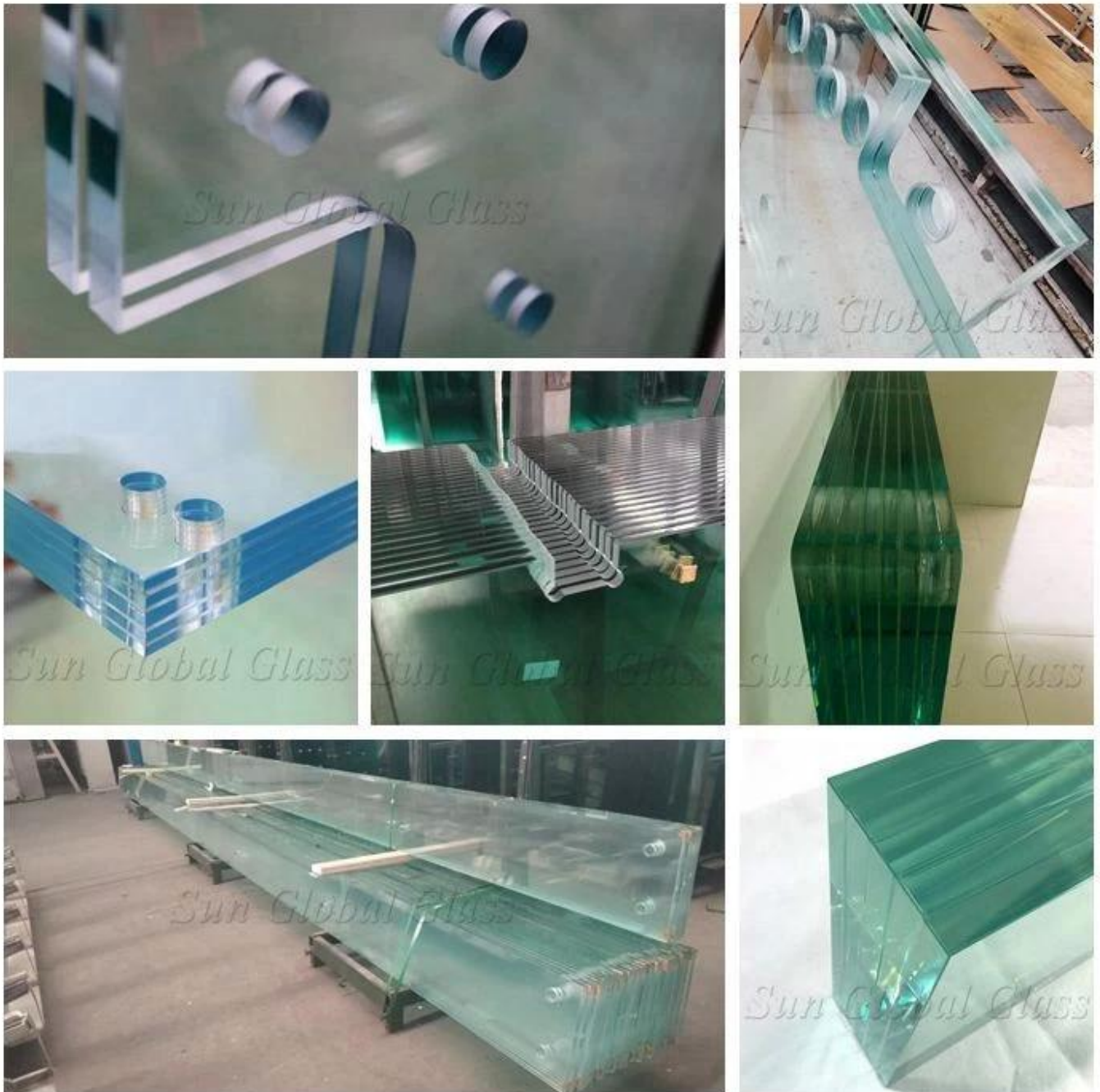
SGP Sentry film thickness: 0.89mm /1.52mm /2.28mm

SGP laminated glass thickness: 4mm+2.28+4mm SGP laminated glass, 5mm+2.28+5mm SGP laminated glass, 6mm+2.28+6mm SGP laminated glass, 8mm+2.28+8mm SGP laminated glass, 12mm+2.28+12mm SGPlaminated glass, 15mm+2.28+15mm SGP laminated glass, 19mm+2.28+19mm SGPlaminated glass, etc

SGP brand: DuPont or Saflex SOLUTIA based on customers' request

Max size: 6000mm(Length)\*2500mm(Width), will bespoke based on clients' drawings

Glass shape: Both flat and curved SGP laminated glass are available, will customize based on clients' requirement.



### SGP Application:

Due to its good performance, SGP Laminated glass has been widely used in construction industries, see below:

1. Glasswalkway, glass bridge, glass floor etc



2. Open air design, such as balcony railing, pool fence, balustrade etc.

3. Glass facade, glass curtain wall, glass exterior wall etc



## Technical Data of PVB and SGP:

<b>Material Performance</b>	<b>SGP</b>	<b>PVB</b>
<b>Tensile Strength MPA</b>	<b>34.5</b>	<b>28.1</b>
<b>Tear Strength MJ/m3</b>	<b>50</b>	<b>10-15</b>
<b>Fracture Expansion Rate</b>	<b>400%</b>	<b>275%</b>
<b>Haze Degree</b>	<b>&lt;&lt;2%</b>	<b>&lt;2%</b>
<b>Yellow Index</b>	<b>&lt;1.5</b>	<b>6-12</b>
<b>Index of Refraction</b>	<b>1.5</b>	<b>1.47~1.5</b>
<b>Transmittance 6mm Clear+1.52mm+6mm Clear</b>	<b>89%</b>	<b>89%</b>
<b>UV Resistance Rate 3mm Clear+0.38mm+6mm Clear</b>	<b>99.9%</b>	<b>99.9%</b>
<b>Ignition Point</b>	<b>470℃</b>	<b>410℃</b>
<b>Flame Spread Index</b>	<b>30</b>	<b>60</b>
<b>Combustion Smoke Index</b>	<b>215</b>	<b>350</b>

### **Quality Certificates:**

SZG SGP laminated glass produce strictly follow ISO9001 Quality System and pass domestic and International quality standards, details see as below:

- 1.SGP laminated glass meet Chinese quality standard CCC Certificate.
2. SGP laminated glass meet European safety glass standard EN14449:2005,E12510 and American market standard SGCC ANSI Z97.
3. SGP laminated glass meet British construction glass standard BS6206 .
4. SGP laminated glassmeet China Construction Glass Standard GB9962 and GB15763.2.

