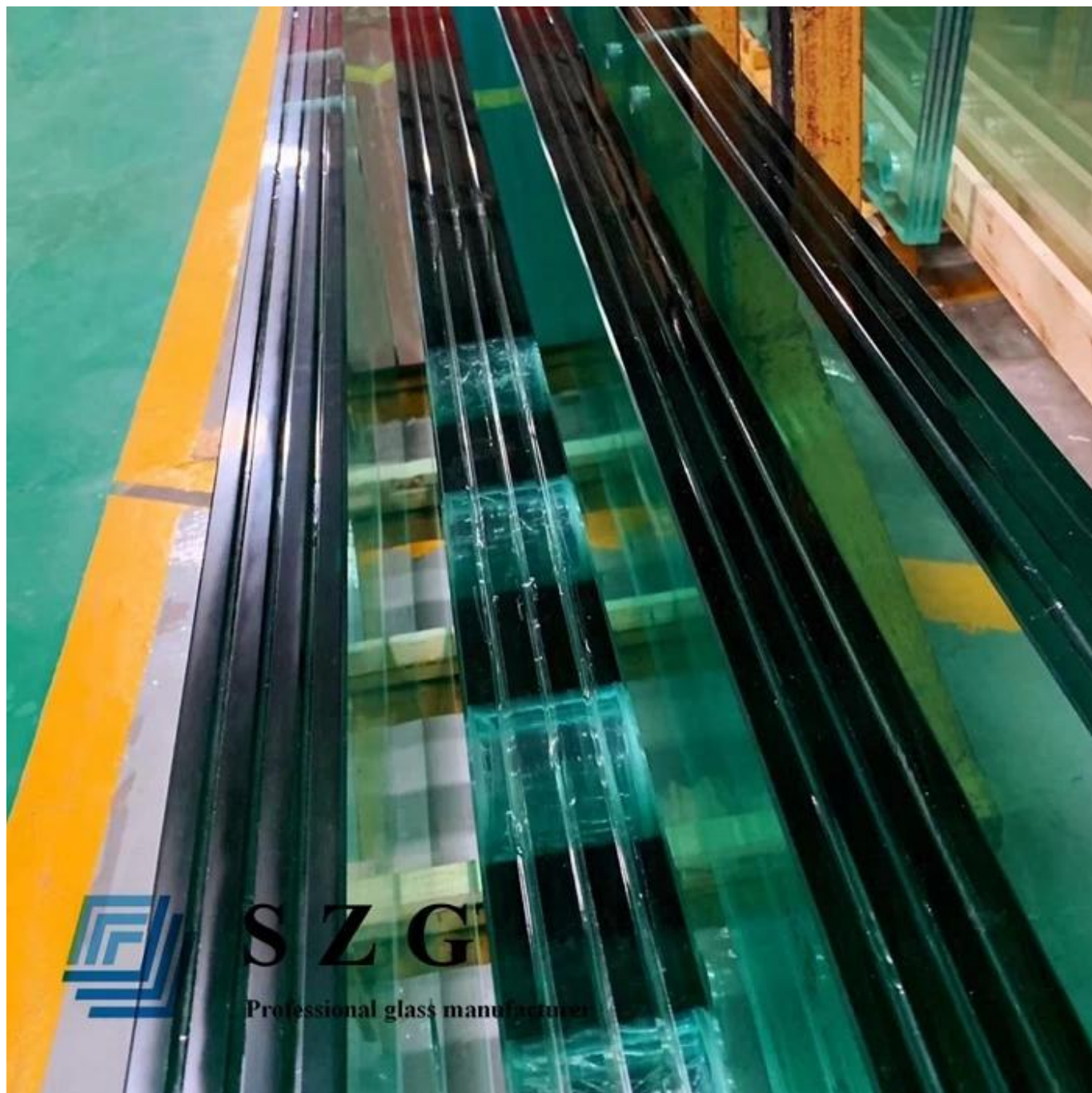


## **SZG 19mm+2.28mm SGP film+19mm+2.28mm SGP film+19mm tempered laminated glass- Best Laminated glass brand in China building glass industry**

61.56mm SGP hurricane proof laminated glass are made by three layers of [19mm tempered glass](#) and with two layer of SGP interlayer film. Compare to PVB or EVA, SGP laminated glass are with highest strength and Cohesiveness, make the SGP glass easy to adapt to the latest and most stringent requirements of today's construction market.





**S Z G**

Professional glass manufacturer





### **Features:**

- 1.The tear strength of sgp film is 5 times than PVB film and hardness of sgp is 100 times than PVB.
2. As SGP laminated glass are with highest stickiness, It have the function of hurricane resistance, can resist big storms.

3. Extremely durable and resistant features that can keep the glass in flawless and transparent after years of exposure.

4. Laminated sgp glass is suitable for frameless design in open air, such as balcony railing etc, have better performance than PVB glass with frameless design.

5. Excellent safety performance after broken.



### **Specification:**

Glass Substrate Options: ultra clear sgp glass, clear sgp glass, tinted sgp glass, reflective sgp glass, silkscreen sgp glass, Low-E sgp glass, frosted sgp glass, etc.

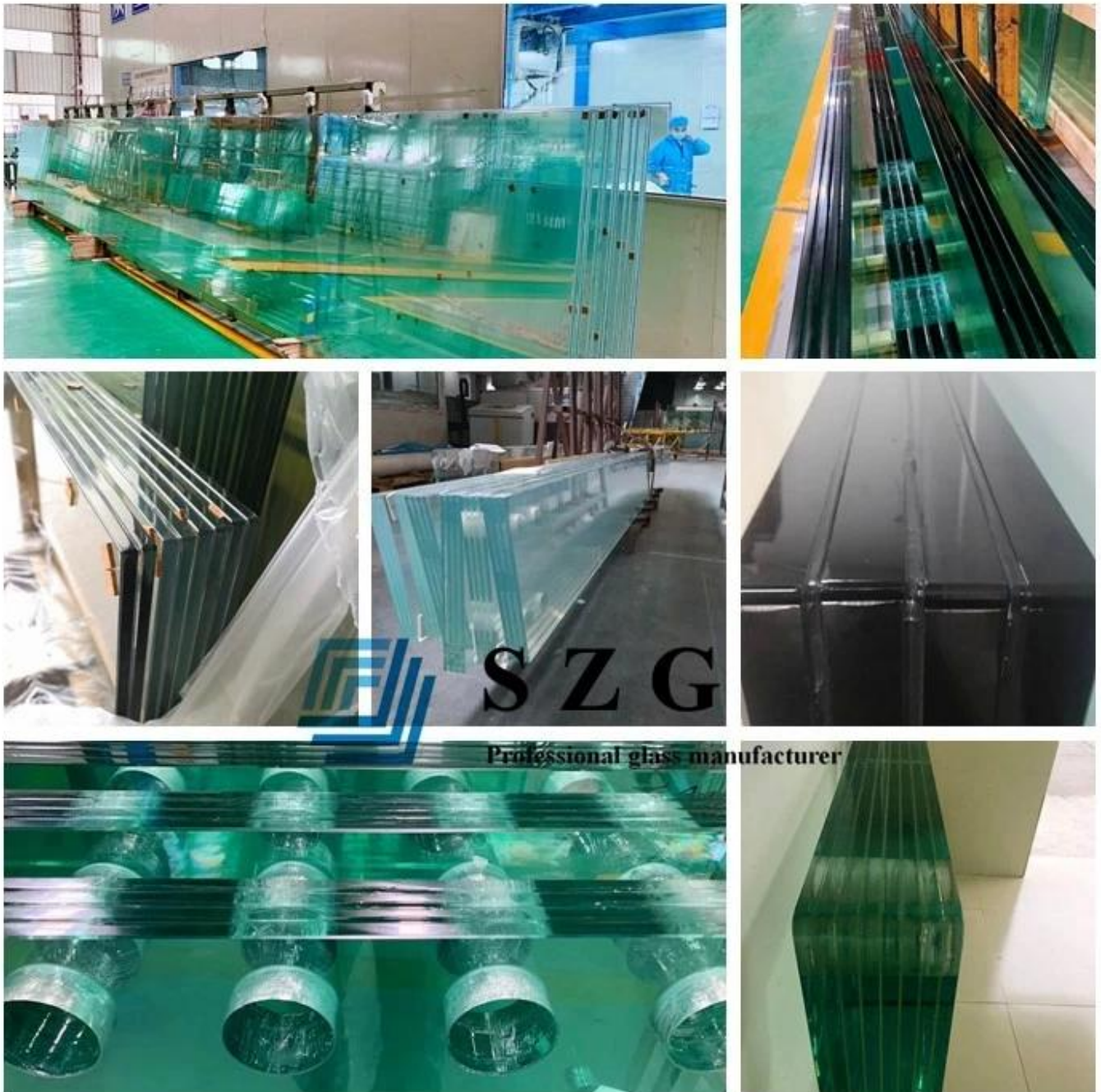
SGP Sentry film thickness: 0.89mm /1.52mm /2.28mm

SGP laminated glass thickness: 10+2.28+10+2.28+10 SGP glass, 12+2.28+12+2.28+12 SGP glass, 15+2.28+15+2.28+15 SGP glass etc

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

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

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



**Technical Data of PVB and SGP:**

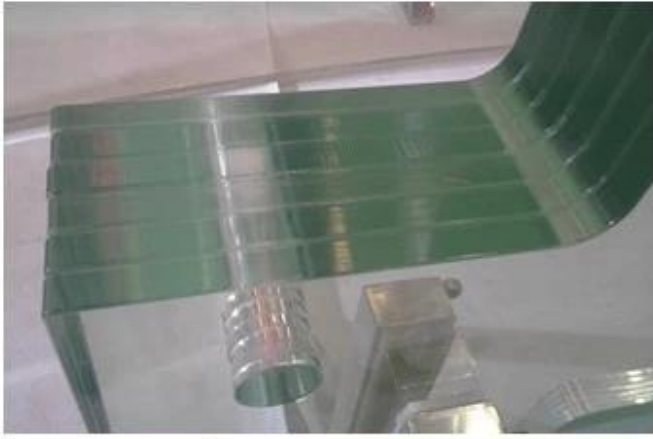


<b>Material Performance</b>	<b>SGP</b>	<b>PVB</b>
<b>Tensile Strength MPA</b>	<b>34.5</b>	<b>28.1</b>
<b>Tear Strength MJ/m3</b>	<b>50</b>	<b>10-15</b>
<b>Fracture Expansion Rate</b>	<b>400%</b>	<b>275%</b>
<b>Haze Degree</b>	<b>&lt;&lt;2%</b>	<b>&lt;2%</b>
<b>Yellow Index</b>	<b>&lt;1.5</b>	<b>6-12</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>

### **SGP Application:**

As SGP laminated glass has good performance, it has been widely used in various industry. With safety, beauty, and unique combination of further demand, SGP laminated glass have wide application in construction, see as below:

1. Glass walkway, 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



## Quality Certificates:

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

1. SGP laminated glass meet Chinese quality standard CCC Certificate.
2. SGP laminated glass meet Europe standard EN14449:2005, E12510 and American market standard SGCC ANSI Z97.
3. SGP laminated glass meet British standard BS6206 .

[illegible]



