

China wholesale price 13.52mm SGP tempered laminated glass,6mm +1.52mm clear SGP+6mm factory safety toughened glass

What is SGP laminated glass?

SGP=SentryGlas® Plus.

SGP intermediate film is DuPont's newly developed, it is a major innovation in the technology of laminated glass interlayer. SGP film beyond the existing technology, greatly expanding the performance of [laminated glass](#). SGP has high strength, high transparency, durability, a variety of structures and flexible installation, very suitable for the current construction market requirements.



Compared with SGP laminated glass and PVB laminated glass,SGP laminated glass have stronger impact resistance, anti-theft performance, explosion-proof performance and anti-disaster performance, and can reduce the thickness of laminated glass to a certain extent.

SGP laminated glass performance data:

Glass composition	2pcs of 6mm low iron tempered glass with 1.52mm SGP film
Glass size	max size can be reached to 3300x13000mm, any customized size available
Glass type	13.52mm low iron laminated glass, others available in 13.52mm clear laminated glass, 664 color tinted laminated glass, 6+6mm color reflective laminated glass, 664 laminated frosted glass, etc.
Interlayer film	SGP film, others available in PVB/EVA film
Special processing	polished edge, cutout, drill holes, logo printing, heat soaked, etc
Glass advantage	hurricaneproof, stormproof, bulletproof, etc



Specification:

Size: Max 3000*5000mm, Mini 300*300mm, any customized size could be produced.

Thickness: glass substrates could be 5mm, 6mm, 8mm, 10mm, 12mm, 15mm, etc.,SGP thickness 0.89mm, 1.52mm, 2.28mm,3.04mm, etc.

Glass type: clear float glass, low iron float glass/ ultra clear float glass, [tempered glass](#), low-e glass, acid etched glass, screen-printed glass, etc.

SGP film VS PVB film:

SGP film laminated glass equivalent thickness = two glass panel plus.

PVB film laminated glass equivalent thickness = single panel glass x1.25.

SGP film tear strength is 5 times stronger than PVB film.

SGP hardness is 100 times stronger than PVB film.



SGP Safety Laminated Glass Additional Attributes:

Fragment retention if broken.

Meets safety glazing standards.

Hurricane protection.

Meets impact& cycling resistant standards.

Intrusion resistance and forced entry

SGP film with excellent adhesive strength of metal, can bond of online LOW E glass can be Energy-saving laminated glass, possible to replace of Low E insulated glass.



Application:

Bullet-proof glass, explosion-proof glass for armored vehicles, prisons, banks and other
 Handrails, railings, glass stairs steps, anti-hurricane construction
 Hurricane protection ceiling, windows, doors and skylight.
 High speed train windshield.
 Scenic spot glass fence and glass bridge.



What kinds of SGP laminated glass you can get it from KXG Glass?

1. Clear Laminated Glass with SGP
2. Ultra Clear Laminated Glass with SGP
3. Color laminated glass with SGP, like gray laminated glass with SGP, bronze laminated glass with SGP, F-

green laminated glass with SGP, [blue laminated glass](#) with SGP, etc.

4. Thickness available in 13.52mm, 17.52mm, 21.52mm, 27.04mm, 33.04mm, 41.04mm, etc. customized SGP laminated glass.

For example: 13.52mm SGP tempered laminated glass = 6mm tempered glass + 1.52mm SGP + 6mm tempered glass.