21.52mm SGP curved tempered laminated glass China factory

Introduction
21.52mm SGP curved tempered laminated glass is made from two pieces of 10mm curved tempered glass bonded together with 1.52mm SentryGlas® (SGP) interlayers, it is well-known as high security glass, because it can withstand the severe weather like storms, hurricane and cyclone, and have high performance of impact resistance and bullet resistance.

Advantages
• **Pure clarity:** the SGP toughened laminated bent glass are virtually invisible and do not have the slight color variations as seen when using PVB interlayers, this is especially true when used with extra clear low iron glass.

• **High safety:** in the event of breakage, the SGP laminated safety glass fragments remain firmly bonded to the interlayer, and it is still standing, not falling down, reducing the chance for injury.

• **Solar energy control:** when the SentryGlas® use with curved coated low-E glass, it can improve energy efficiency, and help engineer more effective thermally insulated glass, and glass with better controlled (or allowed) transmittance of V radiation.

• **Good durability:** DuPont™ SentryGlas® offers long-term durability even when edges are exposed to severe weather. Open edges of laminated glass made with SentryGlas® are less susceptible to moisture intrusion, and remain free from clouding even after years of exposure.

• **Create aesthetic sense:** SGP curved laminated glass allows more overall structural glass to be used with less visible metal support than regular PVB bent laminated glass panels, so architects and designers are free to create nearly transparent, precise metal-free facades that can also meet or exceed the increasing environmental and security demands many projects now require.

Specification
• **Size:** Max 3300*13000mm, radius should larger than 6000mm; Max 2440*6000mm, radius should larger than 1200mm, any customized size could be produced.

• **Glass type:** 10104 SGP curved clear tempered laminated glass, 21.52mm SGP low iron ultra clear toughened laminated curved glass, 21.52mm SGP bent low-e coated laminated safety glass, 10104 SGP acid etched hardened laminated curved glass, 21.52mm screen-printed tempered laminated bent glass with SGP film, 21.52mm SGP ceramic frit curved laminated glass, etc.

• **Processing:** any customized process could be done perfectly, like cut-outs, cut notches, drill countersunk holes, etc.

Application
Based on high performance, the SGP curved laminated glass could use as components in double glazed glass structures, and could be considered for many of the following applications:
• structural and clear point fixed supported balustrades, handrails and staircases ;
• structural curtain wall facades, canopies, and skylights, regular and point fixed;
• customized over-sized glass shopfronts, glass screens, glass partition walls, glass fins;
• windows and doors in hurricane, tornado or earthquake prone areas;
• jewelry stores, high-end retail, Money Exchange, Exotic Car Dealerships;
• Many others where need high security.