

China glass factory High quality 11.52mm554 Heat soak test tempered laminated glass supplier

Heat soaked safety glass

[Heat soak](#) is a process that may expose NiS inclusions in tempered glass. The process involves placing tempered glass into the chamber and maintaining the temperature at about 290 °C. NiS inclusions may cause the tempered glass to spontaneously rupture without applying any load or thermal stress. Therefore, heat soak is the best way to solve spontaneous damage.



11.52mm heat soak tempered laminated glass

The 11.52mm heat soak tempered safety glass consists of two 5mm heat soak [tempered glass](#) and 1.52mm PVB. It is also named 11.52mm HST Tempered Laminated Glass or 554 Thermally Soaked Safety Laminated Glass. As the safest glass, it is widely used as railing glass, skylight glass, store front glass and partition glass.

554 heat soak test glass specifications

Thickness: 11.52 mm

Available glass type: 5mm transparent tempered glass, 5mm ultra-transparent low-iron tempered glass, 5mm light green tempered glass, 5mm dark green reflective glass, etc.

Size: Maximum size: 3000 * 8000mm, minisize: 150 * 300mm

Combination: 5mm heat soak tempered glass + 1.52mm PVB + 5mm heat soak tempered glass

Special requirements: drilling, edge polishing, slitting, marking printing, etc.

Features: sound insulation, decoration, high safety, energy saving, UV resistance, etc.



Advantages of 11.52 mm heat soak tempered laminated glass

1. 11.52mm heat soak laminated glass is a high security and high end glass. It makes the building more attractive.
2. 11.52mm heat soak laminated glass can reduce spontaneous damage and last longer.
3. 11.52mm heat soak laminated glass has a good effect on sound insulation and energy saving. It helps to live a green life.

HST glass applications

1. Commercial office partition glass.
2. Luxury home safety railing glass.
3. Shopping mall security store front glass.