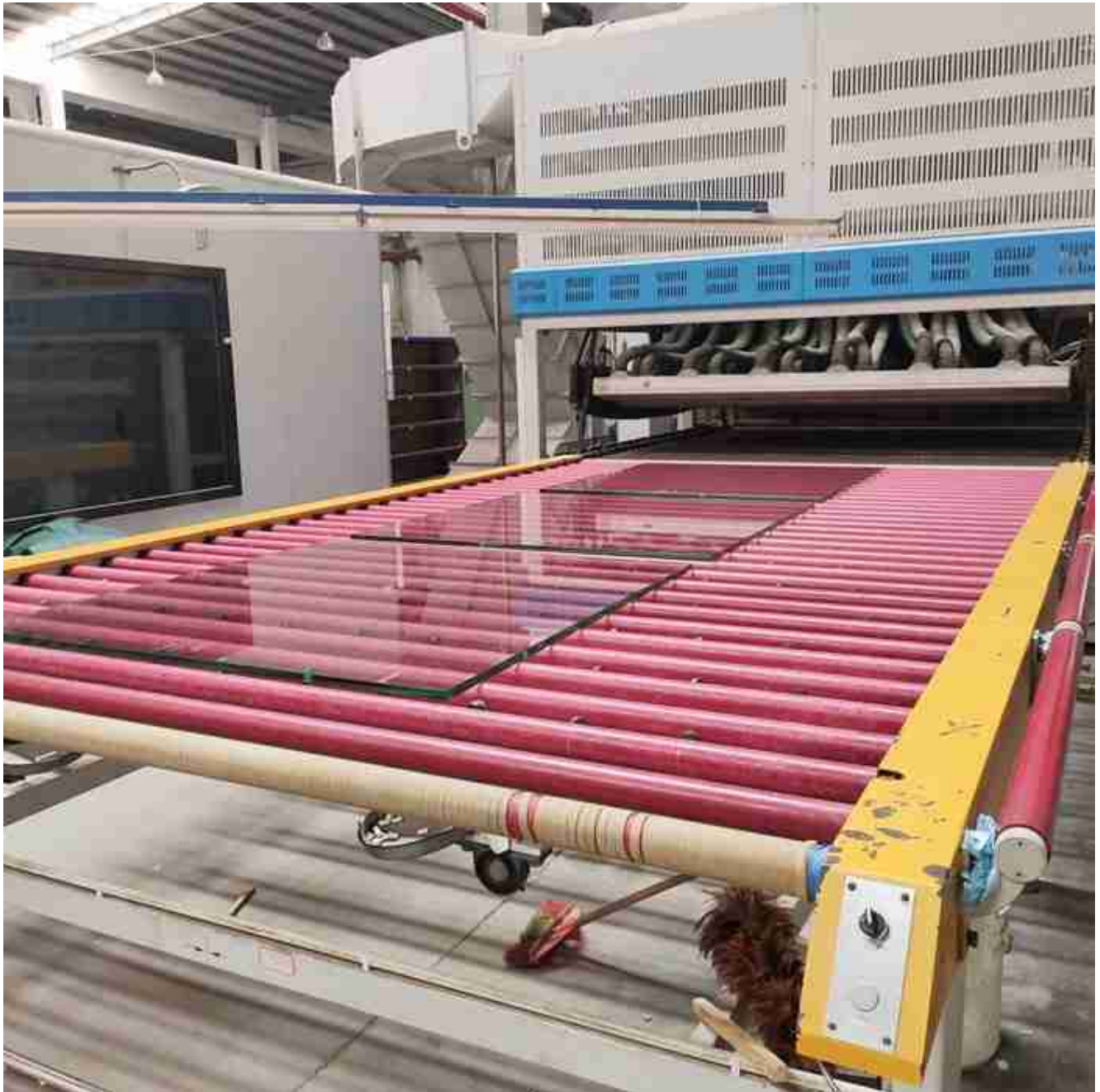


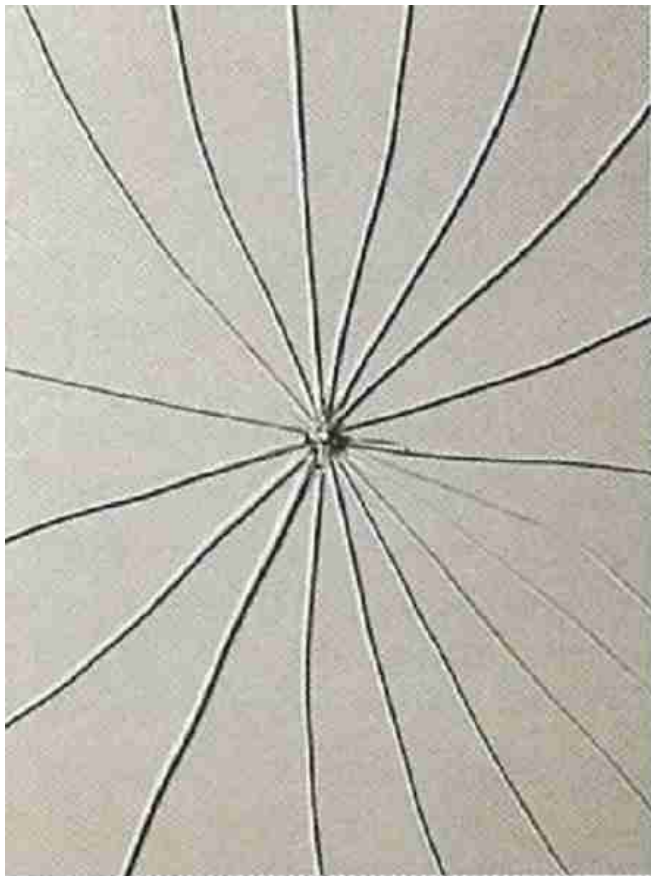
5 - 12mm wärmeverstärkter Glaspreis



1, Was ist wärmeverstärktes Glas?

Heat strengthened glass is also called half tempered glass or semi tempered glass or HS glass. The heat strengthening process is mostly the same as full tempered glass. The only difference is after heating to around 700-degree temperature,

when quenching by the wind jet, the cooling speed will be longer and the press of cold wind is lower. Thus, making the surface of heat strengthened glass pressure much lower than fully tempered glass. Semi tempered glass strength is twice that of float glass, it can be used where places need glass stronger function but no risk of self-explosion, unlike [full tempered glass](#).



Breakage pattern – Heat-Strengthened Glass



Breakage pattern – Tempered Glass

Verstärkte Glasbruch VS voll gehärtetem Glas Bruch

2, Warum hitzeverstärktes Glas verwenden?

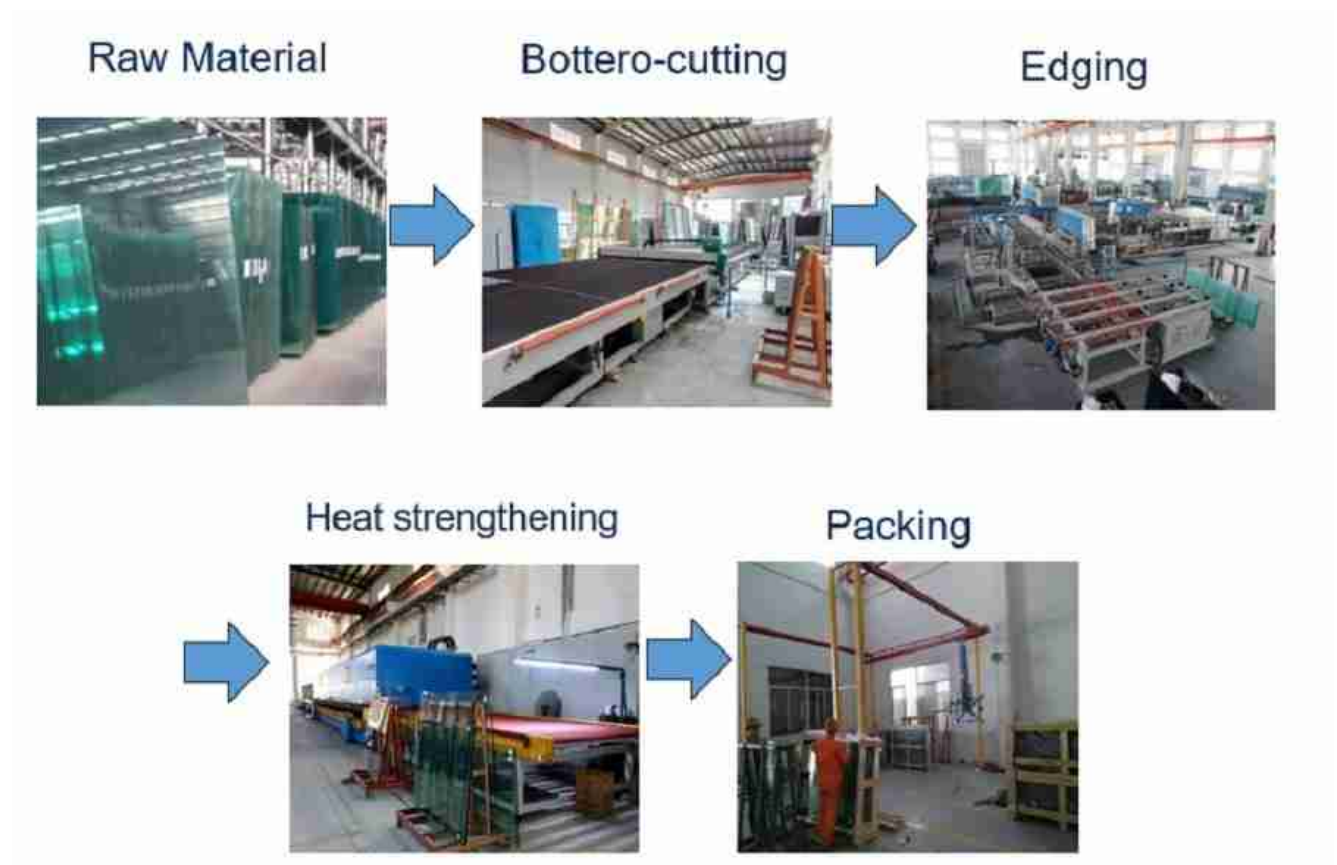
1. **Higher-strength:** Compared to normal float glass, semi tempered glass is 2 times stronger, can endure a higher impact.
2. **Safety:** full tempered glass has a potential risk of self-explosion because of NiS in the glass raw material.

Heat-strengthened glass has no such worry.

3. **Stabile thermische Stabilität:** Auch bei heißem Sonnenschein oder starkem Regen oder Schnee bleibt das wärmeverstärkte Glas stabil.
4. **Flat surface**, compared to full tempered glass, heat-strengthened glass has less distortion.

3, Wie wird wärmeverstärktes Glas hergestellt?

Shenzhen Dragon Glass heat-strengthened process as below:



4, When to use heat-strengthened glass?

Generally speaking, using semi tempered glass is a very economical way to save budget and no risk of tempered glass self explosion with a less distorted surface. Heat-

strengthened glass is usually used for windows or for some façade projects where glass size is smaller and less wind load is required. For further enhancement, semi-tempered glass can be processed as heat strengthened laminated glass. So that it can be used as a canopy or skylight, etc.



5, Eigenschaften:

Produktname:	Heat-strengthened glass/half tempered glass/semi tempered glass
Glasfarben:	clear, ultra-clear, blue, green, bronze, grey, etc.
Glasdicke:	5mm, 6mm, 8mm, 10mm, 12mm, etc.
Glasform:	Flach/ gekrümmt.

Anwendungen:	Fassade, Vorhangwand, Geländer, Oberlichter, Balkonbalustrade, Fenster, etc.
Zertifizierungen:	ASTM, CE, ISO9001, CCC, etc.
Maximale Größe:	2440*6000mm
Stress	24 bis 52Mpa
Kapazität:	5000SQM/Tag

6, Strenge SGT.

Our test includes raw material checking before cutting, surface inspection for each process, size accuracy after edgework, distortion measurement after the glass half tempering, stress uniformity inspection before packing.



Qualitätsprüfung

7, FAQ

1, Can semi-tempered glass be cut?

No.

2, Can semi-tempered glass be further processed?

Yes, heat-strengthened glass can have further treatment like coating, digital printing, frosting, or acid etching process to enhance its performance.

3, How much is the strength of semi-tempered glass?

Usually, the strength lies in 24~69Mpa. But we can keep it in control in 24~52Mpa which means better stress uniformity.

4, Ist wärmeverstärktes Glas das gleiche wie gehärtetes Glas?

Nein, es ist viel weniger stark als gehärtetes Glas, hat aber keine Gefahr einer Selbstexplosion.

5, Difference between heat soaked glass and heat strengthened glass?

Heat soaked test glass is full tempered glass further processed by heat soak testing. Strength is higher. Heat-strengthened glass is only semi tempered.

8, Warum Shenzhen Dragon Glasswählen ?

- 26 Jahre Erfahrung in der Glastiefenverarbeitung.
- Fortschrittliche Maschinen für Qualitätsversicherungen.
- Strenge QC-System Doppelgarantie für Qualität.
- Große Kapazität 5000qm/Tag macht unsere wärmeverstärkte Glaspreis sehr wettbewerbsfähig in China Gebäude Glasmarkt.
- Schnelle Reaktion vor und nach dem Verkauf innerhalb von wenigen Minuten und Lösungen in 24 Stunden zur Verfügung gestellt.

10, Starke Sperrholzverpackung, um den Sicherheitsversand zu garantieren:





Welcome to contact us for a [Free Quote](#) now!