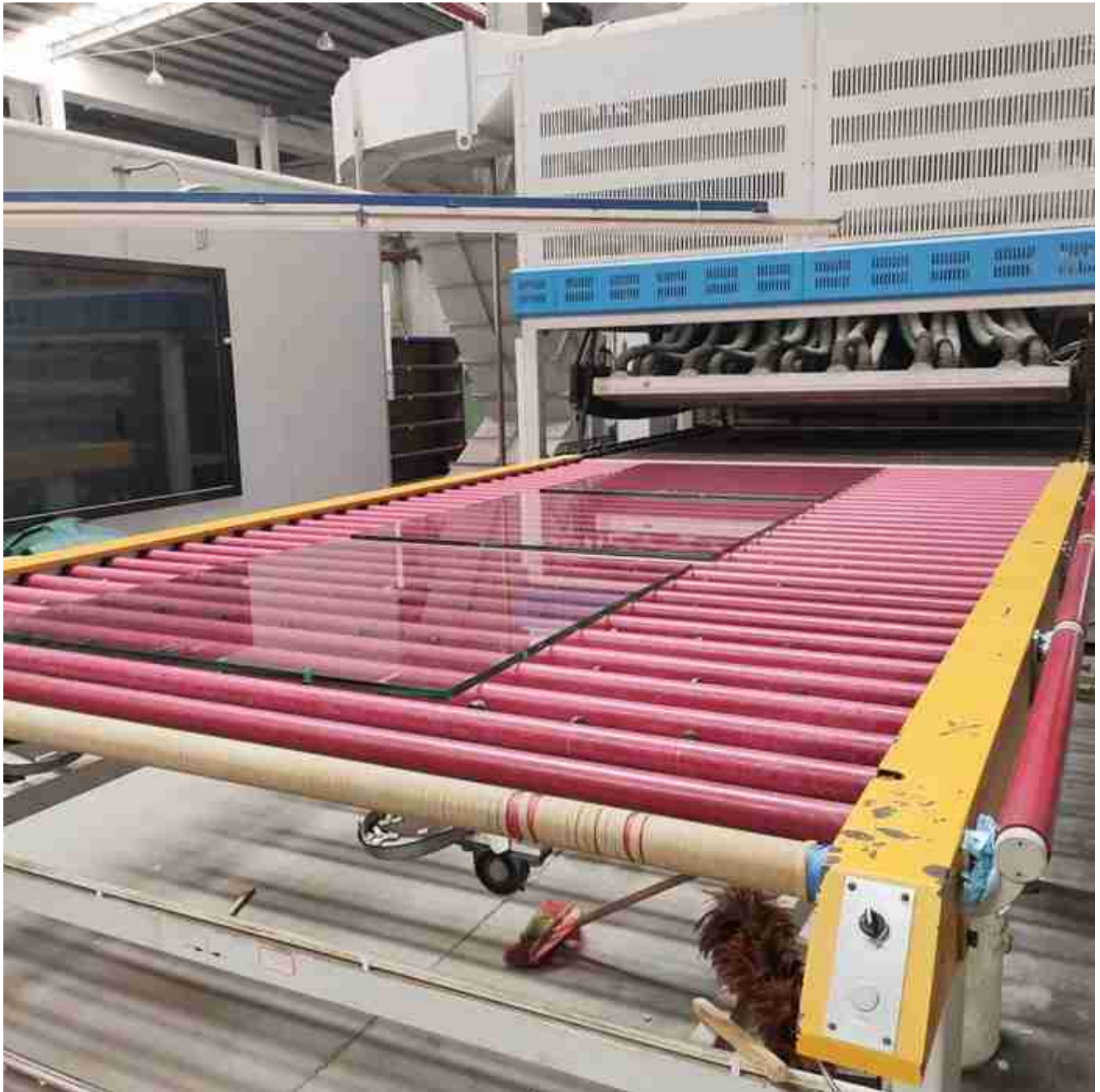


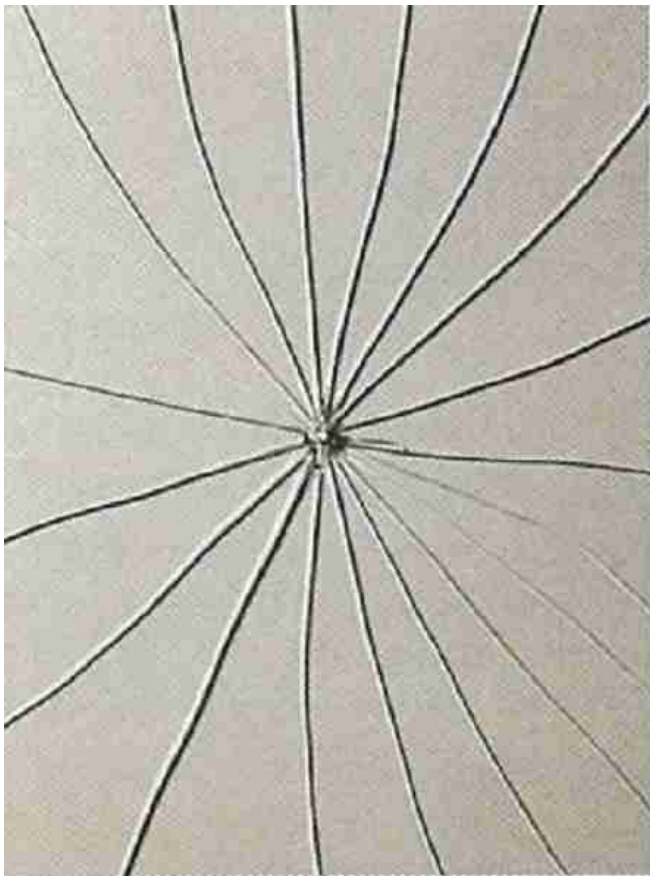
Calor de 5-12mm reforçado preço de vidro



1, 0 que é vidro reforçado com calor?

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

Quebra de vidro reforçada VS quebra de vidro temperado completo

2, Por que usar vidro reforçado com calor?

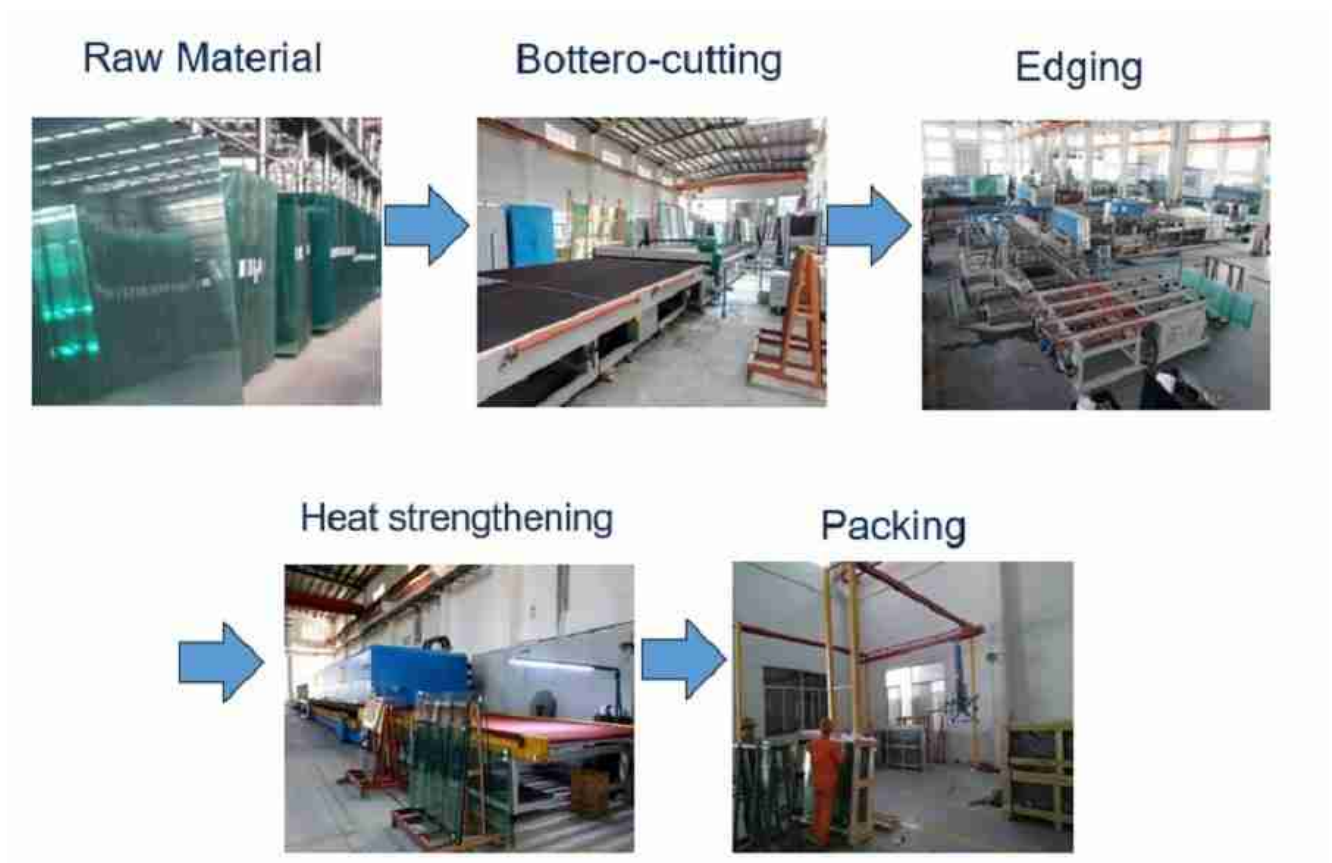
1. **Higher-strength:** Compared to normal float glass, semi tempered glass is 2 times stronger, can endure a higher impact.
2. **Safety:** full tempered glass has a potential risk of

self-explosion because of NiS in the glass raw material. Heat-strengthened glass has no such worry.

3. Estabilidade térmica estável: mesmo exposto a sol quente ou chuva forte ou neve, o vidro reforçado pelo calor permanece estável.
4. **Flat surface**, compared to full tempered glass, heat-strengthened glass has less distortion.

3, Como o vidro reforçado pelo calor é feito?

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, Propriedades:

Nome do produto:	Heat-strengthened glass/half tempered glass/semi tempered glass
Cores de vidro:	clear, ultra-clear, blue, green, bronze, grey, etc.
Espessura de vidro:	5mm, 6mm, 8mm, 10mm, 12mm, etc.

Forma de vidro:	Plana/ curvada.
Aplicativos:	Fachada, parede de cortina, grades, claraboias, balaustrada da varanda, janelas, etc.
Certificações:	ASTM, CE, ISO9001, CCC, etc.
Tamanho máximo:	2440*6000mm
Stress	24 ~52Mpa
Capacidade:	5000SQM/dia

6, Sistema QC rigoroso.

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.



Inspeção de qualidade

7, PERGUNTAS FREQUENTES

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, O calor fortalece o vidro é o mesmo que vidro temperado?

Não, é muito menos força do que vidro temperado, mas não tem risco de auto-explosão.

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, Por que escolher [Shenzhen Dragon Glass](#)?

- 26 anos de experiência em processamento profundo de vidro.
- Máquinas avançadas para seguros de qualidade.
- Rigoroso sistema QC dupla garantia para a qualidade.
- Grande capacidade de quantidade 5000m²/dia tornando nosso calor reforçado preço de vidro muito competitivo no mercado de vidro de construção da China.
- Resposta rápida antes e depois das vendas dentro de vários minutos e soluções fornecidas em 24 horas.

10, Embalagem de compensado forte para garantir o transporte de segurança:



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