

Clear Float Glass

Glass is a kind of inorganic material in the molten state product. It is the molten state to the rigid condition without crystallization of amorphous material.

STANLEY GLASS is the professional glass processing factory. All the glass is manufactured by [Taiwan Glass Industry Corp.](#)

Its mode of production line from the 1950 era of British Pilkington Brothers Inc successfully developed the world-famous floating flat Glass manufacturing technology.

*Quoted From [TAIWANGLASS](#).



Characteristics

1. **Pressure resistance intensity:** The glass has a high compressive strength 1000 N/mm². In other words, takes 10 ton above weights to be able to crush the 1 cm² glass ◦
2. **Stretching resistance intensity:** When the glass has the distortion, a surface receives the elastic strain while the other surface receives the tensile stress.
3. **Degree of hardness:** Glass degree of hardness is 6.5 Morse intensities. (The diamond is 10 Morse intensities.)

Applications

- Glass door, Glass window, Glass mat, Glass partitions, etc.

Specification

TGI Clear Float Glass Specification

Thickness	Range	Weight				Max Size
		kg/ft ²	kg/m ²	ft ² /mt	inch	
mm	mm					mm
1.1	1.0~1.2	0.25	2.09	4,000	72 × 54	1829 × 1372

TGI Clear Float Glass Specification

Thickness	Range	Weight				Max Size
		mm	mm	kg/ft ²	kg/m ²	
1.3	1.2~1.4	0.30	3.18	3,385	72 × 60	1829 × 1524
1.5	1.3~1.7	0.34	3.67	2,933	72 × 60	1829 × 1524
2	1.8~2.2	0.46	4.89	2,200	72 × 60	1829 × 1524
3	2.7~3.3	0.68	7.34	1,467	120 × 84	3048 × 2134
4	3.7~4.3	0.91	9.79	1,100	120 × 96	3048 × 2438
5	4.7~5.3	1.14	12.23	880	144 × 108	3658 × 2734
6	5.7~6.3	1.36	14.69	733	144 × 108	3658 × 2734
8	7.4~8.6	1.82	19.57	550	144 × 108	3658 × 2734
10	9.4~10.6	2.27	24.47	440	144 × 108	3658 × 2734
12	11.2~12.8	2.73	29.36	367	144 × 108	3658 × 2734
15	14.2~15.8	3.41	36.70	293	240 × 132	6096 × 3353
19	17.8~20.2	4.31	46.40	232	400 × 132	10160 × 3353

* If you have any other special size requirements, please [contact us](#).

Download [TGI Clear Float Glass Specification](#)



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*Quoted From [TAIWANGLASS](#).