



Chemical Composition:

Silicon Dioxide (69% to 74%)
Calcium Oxide (5% to 14%)
Sodium Oxide (10% to 16%)
Magnesium Oxide (0% to 6%)
Aluminum Oxide (0% to 3%)
Other (0% to 5%)

Aquatex Glass

Description:

Pattern glass is a flat glass produced through a rolling process in which decorative patterns are impressed onto one or both sides before the glass solidifies.

Key Characteristics:

- Textured surface with varying pattern depths
- Provides light diffusion while maintaining partial visibility
- Creates a privacy effect by blurring objects behind the glass
- Available in various designs: grids, dots, rhombuses, stripes
- Offers aesthetic and decorative appeal

Applications:

Ideal for interior partitions, doors, windows, and design-focused architectural elements requiring privacy and visual texture.

Country of Origin: China

Manufacture: Jinjing

Meets Standards: ASTM C1036-11

Physical and Mechanical Properties

Characteristic	Symbol	Value and unit
Density	g/cm ³	2 5076
Knop hardness	Kgf/mm ²	456
Elasticity modulus	GPa	73.1
Rupture Modulus(Tensile Strength-ultimate)	Mpa	41.4
Transformation Temperature	Degree	556
Linear Coefficient of expansion between 20° Cand 300°	Degree	9.28 x10-6
Intenerate Temperature or Yield Point	Degree	606
Softening Point	Degree	710
High Temperature Viscosity log2	Degree	1392
High Temperature Viscosity log3	Degree	1152
Liquid Phase Temperature	Degree	1008

Glass Lite Tolerances (Stock Sheet Size)

Nominal Thickness	Thickness Tolerances	Dimension Tolerances
3 mm	±0.3mm	±4mm
4mm - 5 mm	±0.4mm	±4mm
6 mm - 10 mm	±0.5mm	±4mm