

B 270™ Flat Glass

To meet a variety of different market demands, SCHOTT offers its well-known B 270™ crown glass in sheet glass form. B 270™, manufactured by the up-draw method, offers high stability with respect to solarization in combination with high transmission in the visible wavelength range. It has a fire-polished surface and high chemical stability. B 270™ is available in a wide range of thicknesses, a variety of in-stock sizes and shapes, and custom shapes. It can also be custom processed upon request.



Applications



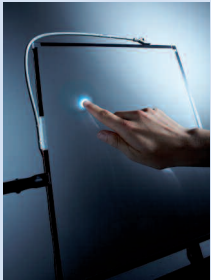
CD / DVD pick up digital projection

- High transmittance
- Cost efficient processing due to wide thickness range



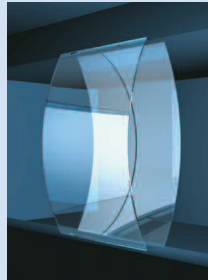
CRT door phone

- High solarization stability
- Fire-polished surface for use without polishing



Surface acoustic wave type touch panel

- Low acoustic attenuation
- High transmittance



Monitor glass for coaters

- High transmittance
- Cost efficient process monitoring



Gifts

- High transmittance
- Crystal-like appearance
- Fusible with adapted glasses

Technical Data

Dimensions	406 mm x 258 mm, 840 mm x 800-920 mm, 1680 mm x 800-920 mm (16.0 in x 10.1, 33 in x 31.5-36.2 in, 66.1 in x 31.5-36.2 in) other sizes upon request
Thicknesses	0.8 mm up to 17.0 mm < 0.8 mm on request
Luminous transmittance T_{VD65} (d = 2.0 mm)	91.7 %
Coefficient of mean linear thermal expansion α (20 °C; 300 °C) (static measurement)	$9.4 \cdot 10^{-6} \text{ K}^{-1}$
Transformation temperature T_g	533 °C
Dielectric constant ϵ_r at 1MHz	7.0
Refractive index n_D	1.5229
Density ρ	2.55 g/cm ³

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SCHOTT
 glass made of ideas

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1054-us/01/09