

B 270® Flat Glass

SCHOTT offers B 270® crown glass in sheet glass form suitable for a variety of different market demands.

B 270®, manufactured by a SCHOTT specific 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 and various in-stock formats. Customized formats (e.g. rounds) and processing can be offered upon request.



Application



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 coat hangers

- High transmittance
- Cost efficient process monitoring

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 formats upon request
Thicknesses	0.8 mm up to 10.0 mm
Luminous transmittance τ_{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 Tg	536 °C
Dielectric constant ϵ_r at 1MHz	7.0
Refractive index n_D	1.5229
Density ρ	2.56 g/cm ³

For more information please contact:

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SCHOTT
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