

B 270 Superwite Flat Glass

To meet a variety of different market demands, SCHOTT offers its well-known B 270 Superwite crown glass in sheet glass form.

B 270 Superwite, manufactured by Up-Draw-Technology, offers

- high stability with respect to solarization
- high transmittance in the visible wavelength range
- high thermal and chemical stability
- fire-polished surface

all contributing to the success of various applications.

B 270 Superwite is available in a wide range of thicknesses, various in-stock formats as well as customized formats (e.g. rounds) and processed, if requested.



B 270 Superwite – success factor for various applications with ...



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 processing



Gifts

- ... crystal-like appearance
- ... good fusing properties



Touch Panel

- ... precise position sensing
- ... high transmittance



Coating Monitor Glass

- ... high transmittance
- ... cost-efficient process monitoring

Technical Data:

Stock dimensions:	406 x 258 mm, 840 mm x 800–920 mm, 1680 mm x 800–920 mm, other formats upon request
Available thicknesses:	0.8 mm to 17.0 mm, <0.8 mm on request
Processing:	pre-cut formats, edge processing
Transmittance:	>91% in the visible wavelength range
Coefficient of expansion α (20 °C; 300 °C) in 10^{-6} K^{-1} :	9.4
Transformation temperature T_g :	533 °C (991 °F)
Dielectric constant ϵ_r at 1MHz:	7.0
Refraction index n_d :	1.523
Density ρ in g/cm^3 :	2.55

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