

# Application Information D 263 T

The thin glass type D 263 T is a chemically stable borosilicate glass, which is produced by the down-draw method. It is available in a various number of thicknesses from 0.03 mm up to 1.1 mm. D 263 T can be offered as stock sheet, or it can be cut to round or square shapes according to your specification. D 263 T is widely used in a variety of applications including the electronics and automotive industry.



The resistive touch panels used for car navigation systems are built with D 263 T. A touch panel using thin glass instead of a plastic film is more resistant to operating environmental influences such as heat or humidity. Therefore the touch panels with D 263 T can meet the high requirements of the automotive industry for an extended life time.

D 263 T as cover glass in opto-caps for laser diodes. Due to its variety in thicknesses and its flatness it can be processed to meet the requirements even of the smallest parts in the electronics industry.



D 263 T is used as substrate glass for IR-cut off filters in camera modules for mobile phones. Due to its very smooth surface it can be coated without previous polishing. With D 263 T our customers are always enabled to lead the miniaturization progression trend toward thinner glass in the electronics industry without having to change the material.

## Technical information:

Stock size:	440 x 360 mm, other size on request
Thickness:	0.03 mm up to 1.1 mm
Processing:	Round and square cut to size glasses, edge working, coatings
Coefficient of thermal expansion $\alpha$ (20°C – 300°C):	7.2 in $10^{-6} \text{ K}^{-1}$
Transformation temperature $T_g$ :	557 in °C
Dielectric constant $\epsilon_r$ :	6.7 at 1 MHz
Refractive index $n_D$ :	1.523
Density:	2.51 in $\text{g/cm}^3$
Spectral transmittance:	>91% in the visible light range

For detailed specifications, samples and quotations please do not hesitate to contact us: [www.schott.com/display](http://www.schott.com/display)

Flat Panel Display

**SCHOTT AG**

Hüttenstrasse 1

31073 Grünenplan

Germany

Phone: +49 (0)5187/771-549

Fax: +49 (0)5187/771-1549

E-mail: [maida.claassen@schott.com](mailto:maida.claassen@schott.com)

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