

# Product Specification

# SCHOTT

## Nexterion® Glass D uncleaned (EU)

Dok-Nr.:	PS-HBM-M-0001
Version:	3
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Date:	23.04.2009

Product Type:	Nexterion® Glass D
Cleaning:	Uncleaned
Item Number:	1095566

### 1.1 Description

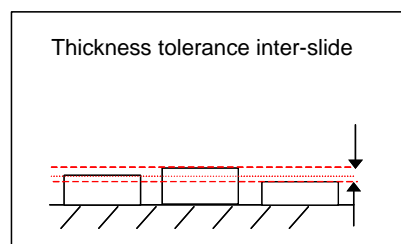
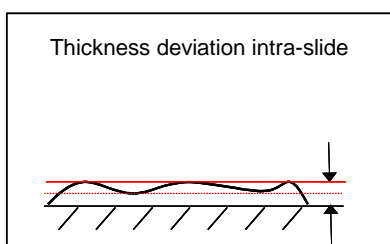
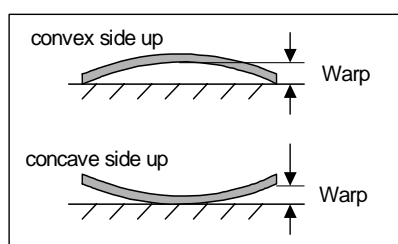
Nexterion® Glass D is a "microscope slide" sized piece of laser cut borosilicate glass. This glass is manufactured from high purity ingredients using the down draw process to produce extremely flat sheets. The borosilicate glass exhibits a high chemical resistance, as well as extremely low background fluorescence in the Cy3™ and Cy5™ emission wavelengths of 570 nm and 670 nm respectively. The slides are not subjected to any cleaning process.

### 1.2 Physical Specifications

Nexterion® Glass D is provided with laser cut edges.

Item	Specification
Thickness [mm]	1.00 mm ± 0.050 mm
Length [mm]	75.60 mm ± 0.10 mm
Width [mm]	25.0 mm ± 0.10 mm
Flatness* [mm]	≤ 0.050 mm
Roughness	typical values below 1 nm (RMS)
Transmittance	in the visible light range: > 90 %

\*Flatness = summary effect of thickness deviation (intra-slide) and warp (concave, convex).



	generated by	reviewed by	reviewed by	reviewed by	authorized by
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Date		23.04.2009	23.04.2009		23.04.2009

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### **1.3 Surface Specification / Contamination**

As the glass is uncleaned, inspection of the surface and edge quality is not possible. In addition the glass surface may contain dried water residues from the laser cutting process and adherent dust from the surrounding atmosphere.

#### **For technical assistance please contact:**

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