

MICROCROWN

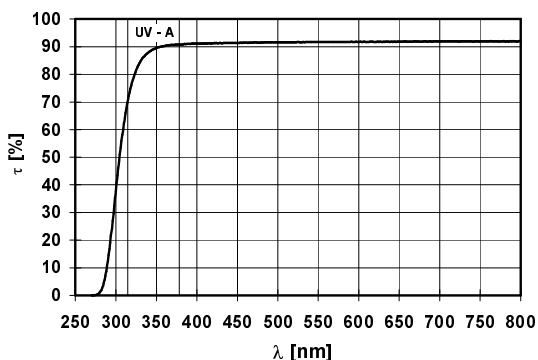
for microscopic slides of exceptional clarity

MICROCROWN is a highly transparent crown glass with an extremely low iron content who guarantee its characteristic color neutrality.

MICROCROWN belongs to the "optical crown glass" family. The outstanding features of this product include:

- **Practically free of any color deterioration because of its high transparency and colorlessness**
- **Excellent internal glass quality with very few bubbles or inclusions**
- **Ultra high spectral transmission**
- **Superior cutting and grinding characteristics**
- **Very good wettability on both glass surfaces**

⇒ Spectral transmittance



MICROCROWN is marked by a high transmission in the total region of the UV-A spectrum. This is a decisive factor for use in the fluorescence microscopy.

The refractive index of $n_e = 1.5251 \pm 0.001$ is finely adapted to our cover glass for microscopy, D 263M. As a result, unwanted reflections are eliminated and high-definition images become possible.

⇒ Chemical Properties:

The excellent chemical properties of MICROCROWN enable prepared slides to be stored and analyzed for longer periods of time.

(cf. DIN-ISO 719 - class HGB 3)

⇒ Availability:

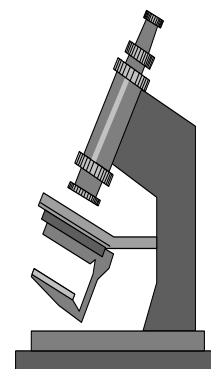
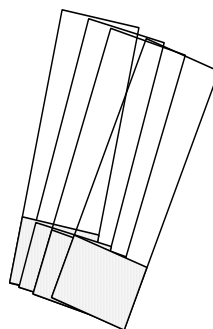
Dimensions:

Length: $1.560 \pm 10\text{mm}$

Width: $560 \pm 10\text{mm}$

Glass thicknesses: $1.0 \pm 0.1\text{mm}$

Other dimensions and tolerances upon request.



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