

Microscope glass slides

IVD In vitro diagnostic – medical device

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CND code: W0503900201

General features

Microscope slides are available in standard sizes: 1.0 mm thick in dimensions of 26 x 76 mm (ISO Norm 8037/I). Microscope slides with special thicknesses, dimensions and tolerances are also available.



Code	Description	Edge	Packaging
09-OT95	Standard	Cut	1000 pcs. (20 boxes with 50 slides)
09-OTB95	Double frosted	Cut	1000 pcs. (20 boxes with 50 slides)
09-OM90	Standard	Ground 90°	1000 pcs. (20 boxes with 50 slides)
09-OMB90	Double frosted	Ground 90°	1000 pcs. (20 boxes with 50 slides)
09-OM95	Standard	Ground 45°	1000 pcs. (20 boxes with 50 slides)
09-OMB95	Double frosted	Ground 45°	1000 pcs. (20 boxes with 50 slides)
09-OT5276	Standard for macrosections (52x76mm)	Cut	1000 pcs. (10 packs with 100 slides)
09-OTB5276	Double frosted for macrosections (52x76mm)	Cut	1000 pcs. (10 packs with 100 slides)

Distributor: **Bio-Optica Milano S.p.A.**

Chemical and technical features

Material:	extra white glass
Refractive index:	1.513 – 1.523 (measured between $\lambda = 546.07$ nm and $\lambda = 643.85$ nm)
Density:	(2.47 \pm 0.01) kg/dm ³

Chemical composition

- SiO₂ (Silicon Dioxide): 72.20%;
- Na₂O (Sodium Oxide): 14.30%;
- K₂O (Potassium Oxide): 1.20%;
- CaO (Calcium Oxide): 6.40%;
- MgO (Magnesium Oxide): 4.30%;
- Al₂O₃ (Aluminum Oxide): 1.20%;
- Fe₂O₃ (Ferric Oxide): 0.03%;
- SO₃ (Sulfur Trioxide): 0.30%.

The microscope slides Menzel are clean and defatted, transparent and without any kind of selective adsorption.

The production is completely automated to eliminate dirty, dust, flaws and breakings; in this way the production guarantees slides regular in dimension and surface.

The raw material's high quality guarantees long life and stability during the time.

The microscope slides Menzel are resistant to enzymatic procedures and microwaves (suggested power: 750 - 800 watt).

Storage and handling

- Keep dry.
 - Avoid large variations in temperature during both storage and usage. Cooling of the product can cause condensation and lead to condensed water forming between the glasses.
 - Please note: use older products in storage first.
 - Protect the bottom of the carton from dampness.
 - Slides shelf life: 12 month. See the expiry date on microscope slide packages.
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