



**FABRIKATION -
EXPORT**

HERENZ • Rudorffweg 10 • 21031 Hamburg-Germany

Product description

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Item: Microscopic slides
Item nos.: 1041000, 1041010, 1041100, 1041110, 1042000, 1042010, 1042100

Material: extra white glass (soda lime glass)

Measurements: 26 x 76 mm (ISO Norm 8037/I), thickness: 1 mm

<u>Chemical composition:</u>	Silicon Dioxide	SiO ₂	72,20 %	Magnesium Oxide	MgO	4,30 %
<u>(approx.)</u>	Sodium Oxide	Na ₂ O	14,30 %	Aluminium Oxide	Al ₂ O ₃	1,20 %
	Potassium Oxide	K ₂ O	1,20 %	Ferric Oxide	Fe ₂ O ₃	0,03 %
	Calcium Oxide	CaO	6,40 %	Sulfur Trioxide	SO ₃	0,30 %

Mean coefficient of expansion: $90.6 \times 10^{-7} / ^\circ\text{C}$ (20-300°C)

Strain point log n 14.5: 513° C

Softening Littleton Point: 720° C

Light transmission:

Total solar transmission (M = 2) proportion of normally incident solar energy transmitted when solar elevation is 30°: 91,5 %

Refractive index: A I (λ) = 546,07 nm 1,5171
specific gravity 2,479

Reflectance second surface mirror:

total solar reflection (M = 2). Proportion of normally incident solar energy reflected from a second surface mirror when solar elevation is 30°: 95,3 %

Intended Use and Information: particularly suitable for the microscopic analysis of blood, urine and tissue samples. Ready to use and should not be reused (for single use only). Be aware of the possibility of harm when dealing with the slides and take the corresponding safety measures, e. g. wearing gloves. When using in machines, the additional usage instruction from the manufacturer of the machinery should be followed. When using dyes or other chemicals, please note the safety advice from the manufacturer.

cut edges: for routine microscopy applications.

ground edges: the incorporation of ground edges reduces the danger of cuts and infections to laboratory personnel.

frosted field: consistent and porous surfaces making labelling effortless. Our slides have a double frosted area of approx. 20 mm.

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Objektträger-e

19.05.2009 rev. 2



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<u>Description:</u>	1041000:	cut edges, cellophanized
	1041010:	cut edges, without cellophane
	1041100:	cut edges, frosted field, cellophanized
	1041110:	cut edges, frosted field, without cellophane
	1042000:	ground edges, 90°, cellophanized
	1042010:	ground edges, 90°, without cellophanized
	1042100:	ground edges, 90°, frosted field, cellophanized

Packaging: 50 pcs / box, 5000 pcs. / carton

Shelf life: 1 year from date of production

Storage:

- keep dry.
- avoid large variations in temperate 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.
- slide storage periods: see "use before" date.

Classification: In-vitro-diagnostic

Norms: DIN EN 13485, DIN EN 980, DIN EN 14971, MPG (German Medical product law), MDD 98/79/EC, ISO 8037/1



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