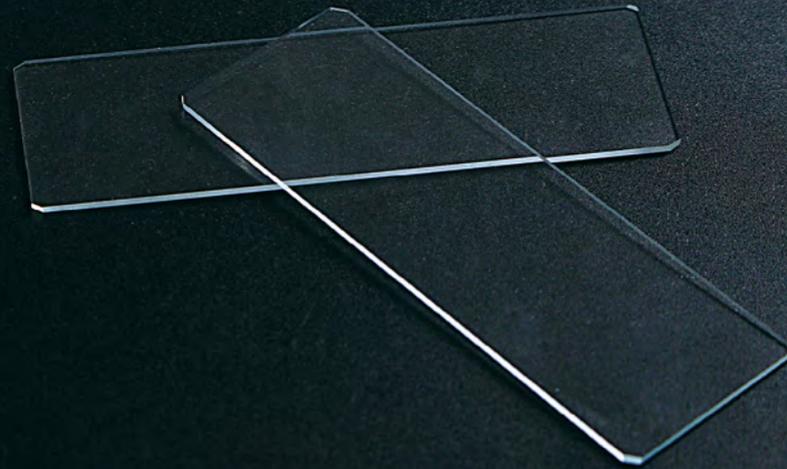


# Standard Microscope Slides

## Plain Microscope Slides

Pre-cleaned, ready for use



# Standard Microscope Slides

## Frosted Microscope Slides



Pre-cleaned, ready for use  
Chemically etched on one end, one/two sides



Code no.	Edges	Corner	Material	Dimension	Thickness	Packaging
7101	Ground edges	<input checked="" type="checkbox"/> 90° <input checked="" type="checkbox"/> 45°	<input checked="" type="checkbox"/> Soda lime glass <input type="checkbox"/> Super white glass	<input checked="" type="checkbox"/> 76 x 26mm <input checked="" type="checkbox"/> 1" x 3" mm <input checked="" type="checkbox"/> 25 x 75mm	<input checked="" type="checkbox"/> 1.0mm <input checked="" type="checkbox"/> 1.1mm	<input checked="" type="checkbox"/> 50pcs/box <input checked="" type="checkbox"/> 72pcs/box
7102	Cut edges	<input checked="" type="checkbox"/> 90° <input type="checkbox"/> 45°				
HDAS016-1	Beveled edges	<input type="checkbox"/> 90° <input checked="" type="checkbox"/> 45°				
7101A	Ground edges	<input checked="" type="checkbox"/> 90° <input checked="" type="checkbox"/> 45°	<input type="checkbox"/> Soda lime glass <input checked="" type="checkbox"/> Super white glass	<input checked="" type="checkbox"/> 76 x 26mm <input checked="" type="checkbox"/> 1" x 3" mm <input checked="" type="checkbox"/> 25 x 75mm	<input checked="" type="checkbox"/> 1.0mm <input checked="" type="checkbox"/> 1.1mm	<input checked="" type="checkbox"/> 50pcs/box <input checked="" type="checkbox"/> 72pcs/box
7102A	Cut edges	<input checked="" type="checkbox"/> 90° <input type="checkbox"/> 45°				
HDAS016-1A	Beveled edges	<input type="checkbox"/> 90° <input checked="" type="checkbox"/> 45°				

## Single frosted

## Objektyviniai stikleliai

Code no.	Edges	Corner	Material	Dimension	Thickness	Packaging
7105	Ground edges	<input checked="" type="checkbox"/> 90° <input checked="" type="checkbox"/> 45°	<input checked="" type="checkbox"/> Soda lime glass <input type="checkbox"/> Super white glass	<input checked="" type="checkbox"/> 76 x 26mm <input checked="" type="checkbox"/> 1" x 3" mm <input checked="" type="checkbox"/> 25 x 75mm	<input checked="" type="checkbox"/> 1.0mm <input checked="" type="checkbox"/> 1.1mm	<input checked="" type="checkbox"/> 50pcs/box <input checked="" type="checkbox"/> 72pcs/box
7105-1	Cut edges	<input checked="" type="checkbox"/> 90° <input type="checkbox"/> 45°				
HDAS016-5	Beveled edges	<input type="checkbox"/> 90° <input checked="" type="checkbox"/> 45°				
7105A	Ground edges	<input checked="" type="checkbox"/> 90° <input checked="" type="checkbox"/> 45°	<input type="checkbox"/> Soda lime glass <input checked="" type="checkbox"/> Super white glass	<input checked="" type="checkbox"/> 76 x 26mm <input checked="" type="checkbox"/> 1" x 3" mm <input checked="" type="checkbox"/> 25 x 75mm	<input checked="" type="checkbox"/> 1.0mm <input checked="" type="checkbox"/> 1.1mm	<input checked="" type="checkbox"/> 50pcs/box <input checked="" type="checkbox"/> 72pcs/box
7105-1A	Cut edges	<input checked="" type="checkbox"/> 90° <input type="checkbox"/> 45°				
HDAS016-5A	Beveled edges	<input type="checkbox"/> 90° <input checked="" type="checkbox"/> 45°				

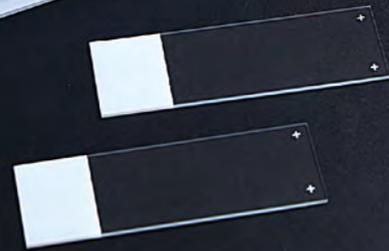


# Adhesive Microscope Slides

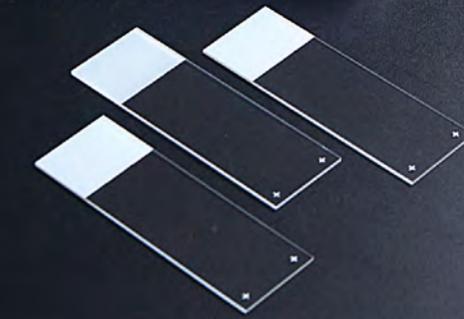
# Adhesive Microscope Slides



Positive Charged Slides

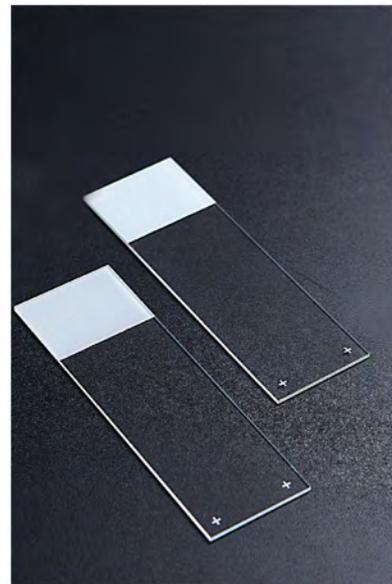


Polysine Slides



These Color-Frosted (+) glass slides are made by a new process which offers the following features: They place a permanent positive charge in the microscope slide.

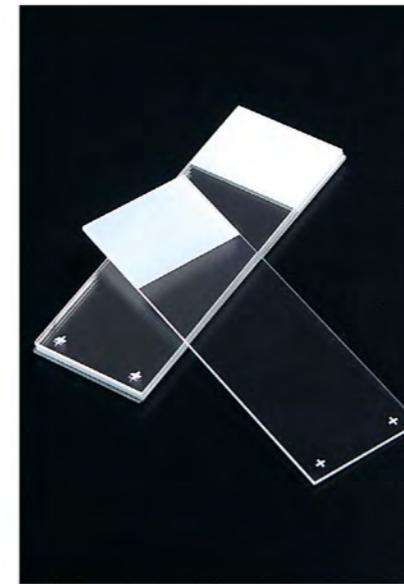
- 1). They electrostatically attract frozen tissue sections and cytology preparations, binding them to the slide.
- 2). They form a bridge so that covalent bonds develop between formalin fixed sections and the glass.
- 3). Tissue sections and cytological preparations adhere better to the Plus glass slides without the need for special adhesives or protein coatings.



- ◆ Recommended for routine H&E stains, IHC, ISH, frozen sections, cytology smear.
- ◆ Suitable for marking with inkjet and thermal transfer printers and permanent markers.

Code no.	Colors	Edges	Material	Corner	Dimension	Thickness	Packaging
HDAS001-W	White	Ground edge	<input checked="" type="checkbox"/> Soda lime glass <input type="checkbox"/> Super white glass	<input checked="" type="checkbox"/> 90° <input checked="" type="checkbox"/> 45°	<input checked="" type="checkbox"/> 76 x 26mm <input checked="" type="checkbox"/> 1" x 3" mm <input checked="" type="checkbox"/> 25 x 75mm	<input checked="" type="checkbox"/> 1.0mm <input checked="" type="checkbox"/> 1.1mm	<input checked="" type="checkbox"/> 50pcs/box <input checked="" type="checkbox"/> 72pcs/box
HDAS001-O	Orange						
HDAS001-G	Green						
HDAS001-P	Pink						
HDAS001-B	Blue						
HDAS001-Y	Yellow						
HDAS001A-W	White	Ground edge	<input type="checkbox"/> Soda lime glass <input checked="" type="checkbox"/> Super white glass	<input checked="" type="checkbox"/> 90° <input checked="" type="checkbox"/> 45°	<input checked="" type="checkbox"/> 76 x 26mm <input checked="" type="checkbox"/> 1" x 3" mm <input checked="" type="checkbox"/> 25 x 75mm	<input checked="" type="checkbox"/> 1.0mm <input checked="" type="checkbox"/> 1.1mm	<input checked="" type="checkbox"/> 50pcs/box <input checked="" type="checkbox"/> 72pcs/box
HDAS001A-O	Orange						
HDAS001A-G	Green						
HDAS001A-P	Pink						
HDAS001A-B	Blue						
HDAS001A-Y	Yellow						

Our premium glass slides with a frosted end are now available pre-coated with Polysine. These slides improve the adhesion of tissues to the slide.



- ◆ Recommended for routine H&E stains, IHC, ISH, frozen sections, cell culture
  - ◆ Suitable for marking with inkjet and thermal transfer printers and permanent markers.
- HDAS002 su matiniu lauku

Code no.	Colors	Edges	Material	Corner	Dimension	Thickness	Packaging
HDAS002-W	White	Ground edge	<input checked="" type="checkbox"/> Soda lime glass <input type="checkbox"/> Super white glass	<input checked="" type="checkbox"/> 90° <input checked="" type="checkbox"/> 45°	<input checked="" type="checkbox"/> 76 x 26mm <input checked="" type="checkbox"/> 1" x 3" mm <input checked="" type="checkbox"/> 25 x 75mm	<input checked="" type="checkbox"/> 1.0mm <input checked="" type="checkbox"/> 1.1mm	<input checked="" type="checkbox"/> 50pcs/box <input checked="" type="checkbox"/> 72pcs/box
HDAS002-O	Orange						
HDAS002-G	Green						
HDAS002-P	Pink						
HDAS002-B	Blue						
HDAS002-Y	Yellow						
HDAS002A-W	White	Ground edge	<input type="checkbox"/> Soda lime glass <input checked="" type="checkbox"/> Super white glass	<input checked="" type="checkbox"/> 90° <input checked="" type="checkbox"/> 45°	<input checked="" type="checkbox"/> 76 x 26mm <input checked="" type="checkbox"/> 1" x 3" mm <input checked="" type="checkbox"/> 25 x 75mm	<input checked="" type="checkbox"/> 1.0mm <input checked="" type="checkbox"/> 1.1mm	<input checked="" type="checkbox"/> 50pcs/box <input checked="" type="checkbox"/> 72pcs/box
HDAS002A-O	Orange						
HDAS002A-G	Green						
HDAS002A-P	Pink						
HDAS002A-B	Blue						
HDAS002A-Y	Yellow						

Frosted Microscope Slides



Objektyviniai stikleliai dvipusiu matiniu galu

**Recommended for marking with the conventional labeling system and marking with pencil or mark pens, create a considerable workload reduction over the Single Frosted Microscope Slides by offering a more random operation.**

- Dimension : 25\*75mm
- Frosted area of approx.20mm depth, resistant to all common chemicals and routine stains that are utilized in laboratory.
- Beveled edges provide utmost safety during manual operations.
- Super grade meet higher transparency and more uniform thickness requirements.
- Standard class is supplied with/without tissue paper interleaved.
- Thickness : 1.1±0.1mm
- Packaging: 50pcs/box,1000pcs/promo-pk,2000pcs/carton

ColorCoat™ Microscope Slides



**Recommended for marking with the conventional labeling system and marking with pencil or mark pens.**

**Caution :** The frosting layer may fall off the glass where caustic conditions are applied.

- Dimension : 25\*75mm
- Silky color frosted area of approx.20mm depth at one surface end for marking.
- Color frosted area is resistant to all common chemicals and routine stains that are utilized in the laboratory.
- Beveled edges provide utmost safety during manual operations
- Various colors are supplied depending on your requirements
- Thickness : 1.0±0.1mm
- Packaging: 50pcs/box,1000pcs/promo-pk,2000pcs/carton  
(Also support 72pcs/box,1440pcs/carton)

Category					
		Cut Edges 90°corners	Ground Edges 90°corners	Ground Edges 45°corners	Beveled Edges 45°corners
	Single Frosted Slides	0307-2102	0303-2102	0302-2102	0304-2102
	Double Frosted Slides	0307-2202	0303-2202	0302-2202	0304-2202
	Single Frosted Slides	0307-2103	0303-2103	0302-2103	0304-2103
	Double Frosted Slides	0307-2203	0303-2203	0302-2203	0304-2203
	Single Frosted Slides	0307-2105	0303-2105	0302-2105	x
	Double Frosted Slides	0307-2205	0303-2205	0302-2205	x
	Single Frosted Slides	0307-2104	0303-2104	0302-2104	x
	Double Frosted Slides	0307-2204	0303-2204	0302-2204	x

Marking color					
		Cut Edges 90°corners	Ground Edges 90°corners	Ground Edges 45°corners	Beveled Edges 45°corners
	Blue	0307-6101-02	0303-6101-02	0302-6101-02	0304-6101-02
	Green	0307-6101-08	0303-6101-08	0302-6101-08	0304-6101-08
	Purple	0307-6101-09	0303-6101-09	0302-6101-09	0304-6101-09
	Orange	0307-6101-10	0303-6101-10	0302-6101-10	0304-6101-10
	Pink	0307-6101-12	0303-6101-12	0302-6101-12	0304-6101-12
	Tan	0307-6101-15	0303-6101-15	0302-6101-15	0304-6101-15
	White	0307-6101-16	0303-6101-16	0302-6101-16	0304-6101-16
	Yellow	0307-6101-17	0303-6101-17	0302-6101-17	0304-6101-17

## Microscope Cover Glass Dengiamieji stikleliai

Roundfin supplies a variety of microscope cover glass.  
Benefiting in different raw materials, personalized craftsmanship, various control standard and tailored packaging.

### EcoGlas™ Microscope Cover Glass

Recommended for economical manual workflow in routine experiments

- Made of green soda-lime glass sheets
- Thickness with Nr.1.0, Nr.1.5, Nr.2.0 optional
- Uniform flatness and uniform sizes
- Special dimensions available upon request

Packaging : 100pc/box, 1000pcs/vacuum-pk/50000pcs/carton

Specification (mm)	Thickness#1.0 0.13mm-0.16mm	Thickness#1.5 0.16mm-0.19mm	Thickness#2.0 0.19mm-0.22mm
18*18	0340-0120	0341-0120	0342-0120
20*20	0340-0620	0341-0620	0342-0620
22*22	0340-1120	0341-1120	0342-1120
24*24	0340-1620	0341-1620	0342-1620
22*32	0340-2720	0341-2720	0342-2720
24*32	0340-2820	0341-2820	0342-2820

Packaging : 100pc/box, 1000pcs/vacuum-pk/40000pcs/carton

Specification (mm)	Thickness#1.0 0.13mm-0.16mm	Thickness#1.5 0.16mm-0.19mm	Thickness#2.0 0.19mm-0.22mm
22*40	0340-3120	0341-3120	0342-3120
24*40	0340-3220	0341-3220	0342-3220

Packaging : 100pc/box, 1000pcs/vacuum-pk/30000pcs/carton

Specification (mm)	Thickness#1.0 0.13mm-0.16mm	Thickness#1.5 0.16mm-0.19mm	Thickness#2.0 0.19mm-0.22mm
22*50	0340-3520	0341-3520	0342-3520
24*50	0340-3620	0341-3620	0342-3620
24*55	0340-5020	0341-5020	0342-5020
22*60	0340-3920	0341-3920	0342-3920
24*60	0340-4020	0341-4020	0342-4020



### BoroGlas™ Microscope Cover Glass

Recommended for manual and automatic workflow in histology, cytology, urinalysis and microbiology

- Made of pure white, chemically resistant borosilicate 3.3 glass sheets
- Thickness with Nr.1.0, Nr.1.5, Nr.2.0 optional
- Excellent optical properties, stable molecular structure
- Uniform flatness and uniform sizes
- Ideal flexibility as well as considerably extended shelf-life
- Special dimensions available upon request

Packaging : 200pc/box, 1000pcs/promo-pk/20000pcs/carton

Specification (mm)	Thickness#1.0 0.13mm-0.16mm	Thickness#1.5 0.16mm-0.19mm	Thickness#2.0 0.19mm-0.22mm
18*18	0330-0130	0331-0130	0332-0130
20*20	0330-0630	0331-0630	0332-0630
22*22	0330-1130	0331-1130	0332-1130
24*24	0330-1630	0331-1630	0332-1630

Packaging : 100pc/box, 1000pcs/promo-pk/20000pcs/carton

Specification (mm)	Thickness#1.0 0.13mm-0.16mm	Thickness#1.5 0.16mm-0.19mm	Thickness#2.0 0.19mm-0.22mm
22*32	0330-2710	0331-2710	0332-2710
24*32	0330-2810	0331-2810	0332-2810
22*40	0330-3110	0331-3110	0332-3110
24*40	0330-3210	0331-3210	0332-3210
22*50	0330-3510	0331-3510	0332-3510
24*50	0330-3610	0331-3610	0332-3610
24*55	0330-5010	0331-5010	0332-5010
22*60	0330-3910	0331-3910	0332-3910
24*60	0330-4010	0331-4010	0332-4010



## Other Pathology /Histology Products



### Processing /Embedding Cassettes

- Roundfin can supply many models of cassettes for processing and embedding histology tissue specimens, most of which can be used with the automated cassette labeling instruments.
- The processing/embedding cassettes with 45° slanted angle are compatible with most of cassette labelers on the market and another with 35° slanted angle can be used with a specific Sakura® cassette printers.

### Four formats for satisfying different applications

1. Bulk packed by dispenser boxes
2. Pre-assembled & bulk-packed
3. Pre-loaded by tapes
4. Pre-loaded in tubing dispenser

## 6 pirkimo dalis

### Tissue Processing /Embedding Cassettes ( RD118 )

One-piece & snap-latch design allows convenient one-hand operations, and helps relock the lid firmly during the processing.

- Made of P.O.M material, 100% resistant to chemical action of histological solvents
- With middle big round hole in dimensions of  $\varnothing 14\text{mm}$
- With two large labeling areas on the cassettes sides and one slanted front writing surface of  $45^\circ$  angle, adaptable to most of the cassette labelers

**Packaging:** Packed in bulk by dispenser box. 250pcs/disp box, 3000pcs/carton

Color	P/N
	White 0106-1118-16
	Pink 0106-1118-12
	Blue 0106-1118-02
	Yellow 0106-1118-17



### Tissue Processing /Embedding Cassettes ( EM102&EM113 ) Histologinès kasetės

One-piece & snap-latch design allows convenient one-hand operations, and helps relock the lid firmly during the processing.

- Made of P.O.M material, 100% resistant to chemical action of histological solvents
- With rectangle holes in dimensions of  $5.0\text{mm} \times 1.0\text{mm}$
- With two large labeling areas on the cassettes sides and one slanted front writing surface of  $45^\circ$  angle, adaptable to most of the cassette labelers
- $35^\circ$  angle writing area optional, compatible with Leica and Sakura cassette printers

**Packaging:** Packed in bulk by dispenser box. 250pcs/disp box, 2000pcs/carton (Also support tapped 40pcs/stack, 1000pcs/carton)

Model No.	EM 102 Tissue Processing /Embedding Cassettes	EM 113 Tissue Processing /Embedding Cassettes
Packaging	Packed in bulk by dispenser box	Packed in bulk by dispenser box
Photo		
	White 0106-1100-16	0106-1112-16
	Yellow 0106-1100-17	0106-1112-17
	Green 0106-1100-08	0106-1112-08
	Pink 0106-1100-12	0106-1112-12
	Blue 0106-1100-02	0106-1112-02
	Tan 0106-1100-15	0106-1112-15
	Purple 0106-1100-09	0106-1112-09
	Peach 0106-1100-11	0106-1112-11
	Orange 0106-1100-10	0106-1112-10
	Aqua 0106-1100-00	0106-1112-00

### Tissue Processing /Embedding Cassettes ( EM 106 )

Special hinge design locks the cassette and lid together firmly, and realizes more frequent opening & closing of the lid without any danger of specimen loss

- Made of P.O.M material, 100% resistant to chemical action of histological solvents
- With rectangle holes in dimensions of  $5.0\text{mm} \times 1.0\text{mm}$
- With two large labeling areas on the cassettes sides and one slanted front writing surface of  $45^\circ$  angle, adaptable to most of the cassette labelers

#### Packaging:

1. Unassembled packed by dispenser box.  
(500cassettes/disp box+500lids/disp box, 2000sets/carton)
2. Assembled packed by dispenser box.  
(500sets/disp box, 2000sets/carton)

#### Also support:

1. Pre-loaded in sleeves.  
(75cassettes /sleeve+500lids/disp box, 3000sets/carton)
2. Tapped (40cassettes/stack+500lids/disp box, 2000sets/carton)

Color	Unassembled packed by dispenser box	Assembled packed by dispenser box
	White 0100-1100-16	0100-1102-16
	Yellow 0100-1100-17	0100-1102-17
	Green 0100-1100-08	0100-1102-08
	Pink 0100-1100-12	0100-1102-12
	Blue 0100-1100-02	0100-1102-02
	Tan 0100-1100-15	0100-1102-15
	Purple 0100-1100-09	0100-1102-09
	Peach 0100-1100-11	0100-1102-11
	Orange 0100-1100-10	0100-1102-10
	Aqua 0100-1100-00	0100-1102-00



## Foam Pads & Embedding Ring & Paraffin Wax

### Biopsy Foam Pads RD108 Biopsinės kempinės

Designed for assisting the regular cassettes in holding the small biopsy specimens in place during processing, fits all the regular cassettes

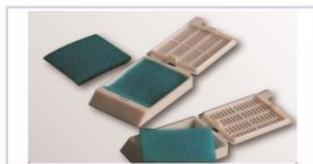
Made of PU foam

**Packaging:** 1000pcs/polybag

**Dimension:** 26.5\*31.5\*2mm

26.5\*31.5\*2.5mm

**Color :** Blue, Black, White



### Embedding Rings (EMOR201)

Designed for holding the tissue sample in the microtome chuck adapter for sectioning and then identifies the sample while in strong

ABS material

**Packaging:** 5000pcs/disp box, 2000pcs/carton

Color	P/N
	White 0260-0000-16
	Yellow 0260-0000-17
	Green 0260-0000-08
	Pink 0260-0000-12
	Blue 0260-0000-02
	Tan 0260-0000-15
	Purple 0260-0000-09
	Peach 0260-0000-11
	Orange 0260-0000-10
	Aqua 0260-0000-00

ABS material

### HistoPlast™ Paraffin Wax

Designed for improve tissue section infiltration & embedding and supplied in convenient pearl shape

- Compound of purified paraffin and plastic polymers
- Without dimethyl sulfoxide (DMSO)
- Delivers smooth cutting, minimized compression & cell disruption
- Cutting thickness lowered to 2µm
- Convenient pearl shape
- Wide supply range from 56°C to 62°C for your free choice
- Packaging : 1KG/bag ; 8KG/carton

Melting point	P/N
56°C-58°C	0200-0007
58°C-60°C	0200-0008
60°C-62°C	0200-0009



### Block Paraffin Wax

Convenient block shape

**Packaging:** 500G/box ; 8KG/carton

Melting Point	P/N
56°C-58°C	RD-0200-0011
58°C-60°C	RD-0200-0010



## Microtome Blades & Knife holder

### Microtome Blades

- Used for microtome and cryostat in tissue specimen sectioning.
- Stainless steel material

Brand	Photo	Model No.	Feature	Packaging
Feather (Made in Japan)		H35	High-profile	50pcs/disp box 500pcs/inner box
		R35	Low-profile	50pcs/disp box 500pcs/inner box
		A35	Low-profile	50pcs/disp box 500pcs/inner box
		N35	Low-profile	50pcs/disp box 500pcs/inner box
		C35	Low-profile	20pcs/disp box 200pcs/inner box
		S35	Low-profile	50pcs/disp box 500pcs/inner box
	Leica (Made in Germany)		818	High-profile
		819	Low-profile	50pcs/disp box 500pcs/inner box
Roundfin (Made in China; OEM accepted)		1601	Low-profile	50pcs/disp box 500pcs/inner box



## Isopropyl Alcohol Azure Isopropanol Solvent IPA 99.9% Cleaner NON-RECLAIMED- 25L COLLECTION ONLY

THIS PRODUCT IS NON – RECLAIMED! This will not leave any contamination, many online products offer reclaimed grade, beware!

Isopropanol 99.9%, used widely as a solvent and as a cleaning fluid. Cleans electronic devices such as contact pins, magnetic tape and disk heads such as lenses of lasers in optical disc drives.

Isopropyl alcohol removes smudges, dirt, and fingerprints from phones and tablets. It is effective at removing residual glue from some sticky labels, glass cleaning and much more.



[show Chemicals Top 20](#)

Prekės kodas 22-25 <https://www.azureliquidsolutions.co.uk/product/isopropyl-alcohol-azure-isopropanol-solvent-ipa-99-9-cleaner-non-reclaimed-25l-collection-only/>

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## Xylene Solvent Thinning Paints & Varnishes – 25L

### Xylene Solvent Thinning Paints & Varnishes – 25L

Xylene is used as a solvent. In this application, with a mixture of isomers, it is often referred to as xylenes or xylol. Solvent xylene often contains a small percentage of ethylbenzene. Like the individual isomers, the mixture is colourless, sweet-smelling, and highly flammable. Areas of application include the printing, rubber, and leather industries.

It is a common component of ink, rubber, and adhesives. In thinning paints and varnishes, it can be substituted for toluene where slower drying is desired, and thus is used by conservators of art objects in solubility testing.

Prekės kodas 21-25, <https://www.azureliquidsolutions.co.uk/product/xylene-solvent-thinning-paints-varnishes-25l/>

HistoPlast™ parafininis vaškas

### HistoPlast™ Paraffin Wax

Designed for improve tissue section infiltration & embedding and supplied in convenient pearl shape

- Compound of purified paraffin and plastic polymers
- Without dimethyl sulfoxide(DMSO)
- Delivers smooth cutting,minimized compression & cell disruption
- Cutting thickness lowed to 2µm
- Convenient pearl shape
- Wide supply range from 56°C to 62°C for your free choice
- Packaging : 1KG/bag ; 8KG/carton

Melting point	P/N
56°C-58°C	0200-0007
58°C-60°C	0200-0008
60°C-62°C	0200-0009



### Block Paraffin Wax

Convenient block shape

**Packaging:** 500G/box ; 8KG/carton

Melting Point	P/N
56°C-58°C	RD-0200-0011
58°C-60°C	RD-0200-0010





Druskos rūgštis

**Kwas solny cz.d.a 36-38% HCl****Hydrochlorid acid 36-38% p.a.**

CAS:7647-01-0 WE:231-595-7 H:290, 314, 335

P: 301+330+331, 305+351+338, 308+31

RID/ADR: 8, III

UN:1789

Forma:

ciecz

pH:

kwaśny

M=36,46 g/mol

Gęstość :

1,1827 / cm<sup>3</sup> (20°C)

Rozpuszczalność:

tak



Przedsiębiorstwo Techniczno Handlowe

CHEMLAND Zbigniew Bartczak,

Ul. Usługowa 3, 73-110 Stargard

Tel.+48 601 782 283

NIP 854-002-36-41

**CL0S00310.xxxx****Skład:****Parametry****gwarantowane****Zawartość:**Siarczany (SO<sub>4</sub>)**min.36-38%**

max.2,00 ppm

Wolne chlorki (Cl)

max.0,5 ppm

Chrom (Cr)

max.5,00 ppm

Żelazo (Fe)

max.0,05 ppm

Nikiel (Ni)

max.0,2 ppm

Miedź (Cu)

max.0,05 ppm

Cynk (Zn)

max.0,05 ppm

Arsen (As)

max.0,05 ppm

Kadm (Cd)

max.0,05 ppm

Ołów (Pb)

max.0,05 ppm

Metale ciężkie (j. Pb)

max.2,00 ppm

Wapń (Ca)

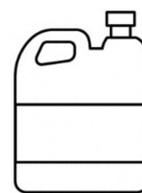
max.0,4 ppm

Magnez (Mg)

max.0,1 ppm

**Dostępne pojemności:**1,0 l

5,0 l




**neoFroxx GmbH**

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## Specification

Skruzdzīų rūgštis

<b>Product</b>	<b>Formic acid 98 - 100 % pure</b>
Brand	Labochem

Product number	LC-5495
Formula	HCOOH
Molecular weight	46.03 g/mol
CAS number	64-18-6
Storage	below 25°C
Retest period (months)	48

Parameter	Specification
Assay (titr.)	min. 98 %
Non-volatile matter	max. 0.01 %
Chloride (Cl)	max. 0.001 %
Ammonium (NH <sub>4</sub> )	max. 0.01 %
Sulfate (SO <sub>4</sub> )	max. 0.005 %
Acetic Acid (CH <sub>3</sub> COOH)	max. 0.1 %
Cu	max. 0.001 %
Fe	max. 0.001 %
Ni	max. 0.001 %
Pb	max. 0.001 %

Einhausen, 27.05.2020

Pakuotė 1 L

<https://www.neofroxx.com/Formic-acid-98-100-pure-oxid.html?listype=search&searchparam=formic%20acid>




# CERTYFIKAT JAKOŚCI

Nr. 01/0407069KO-20

**Kwas octowy cz.d.a. 99,5% CH<sub>3</sub>COOH**

Ledinē acto rūgštis

**Acetic acid 99,5 % R.G.**

Nr serii: 0190021

Nr katalogowy: CL0K0169

Data ważności: 08/2021

Skład:	Parametry gwarantowane:	Wynik badań:
<b>Zawartość:</b>	min. 99,5 %	99,9 %
Pozostałość po odparowaniu	max. 0,001 %	0,0010 %
Chlorki (Cl)	max. 0,0001 %	0,0001 %
Substancje redukujące KMnO <sub>4</sub> w przeliczeniu na kwas mrówkowy	max. 0,005 %	0,0028 %
Siarczany (SO <sub>4</sub> )	max. 0,0002 %	0,0002 %
Żelazo (Fe)	max. 0,00006 %	0,000024%
Metale ciężkie (j. Pb)	max. 0,0001 %	0,0001 %
Próba KMnO <sub>4</sub>	min. 120	120
Aldehyd octowy	max. 0,005 %	0,0018 %

## Właściwości fizyczne i chemiczne:

Forma: ciecz  
 Kolor: bezbarwny  
 Zapach: charakterystyczny, ostry, kłujący  
 pH: około 2,5 (10 g/l H<sub>2</sub>O, 20°C)  
 temperatura topnienia: około 16,7°C  
 temperatura wrzenia: około 118°C  
 M=60,05 g/mol  
 Gęstość : 1,0490 ÷ 1,0520 g / cm<sup>3</sup> (20°C)  
 Rozpuszczalność: tak

CAS: 60-19-7 WE: 200-580-7 H: 226, 315, 319  
 P: 280, 303+352, 305+351+338,  
 RID/ADR: 8(3), II UN: 2789



Przedsiębiorstwo Techniczno Handlowe  
 CHEMLAND Zbigniew Bartczak  
 Ul. Usługowa 3, 73-110 Stargard  
 Tel.+48 601 782 283  
 NIP 854-002-36-41

Certyfikat opracowano na podstawie badań laboratoryjnych wykonanych  
 Metodą atomowej spektroskopii absorpcyjnej (ASA) nr. 0407069KO-20  
 Za zgodność: Zbigniew Bartczak.

## Periodic acid

Periodinė rūgštis

Condensed formula:  $H_5IO_6$ 

CAS: 10450-60-9

EINECS: 233-937-0

Molar mass: 227.94 g/mol

<b>A.G.</b> 19700	Assay	min. 99.0 %
	Br-, BrO <sub>3</sub> -, Cl-, ClO <sub>3</sub> - (as Cl-)	max. 0.02 %
	SO <sub>4</sub> <sup>2-</sup>	max. 0.02 %
	Iron	max. 0.005 %
	Heavy metals (Pb)	max. 0.005 %

Classification of the substance in accordance with Regulation (EC) No 1272/2008



H 271, 314, 372, 400

P 220, 280, 310, 305+351+338

Signal word: Danger

ADR/RID: 5.1/ OC2/ II

UN 3085

Pakuotė po 100 g. <https://www.pentachemicals.eu/en/chemicals/periodic-acid-518>