

Пленки для герметизации CARL ROTH ROTILABO

Технические характеристики

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
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Липецк (4742)52-20-81

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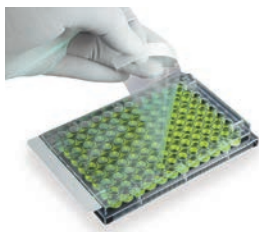
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Россия (495)268-04-70

Казахстан (772)734-952-31

Киргизия (996)312-96-26-47

Sealing films



Sealing film ROTILABO® for microtest plates

ROTH SELECTION.

Minimises cross-contaminations of the samples when handling and during transport. With perforated ends for simple and fast adhesion.

Technical specifications:

Art. No.	EN76.1	EN77.1	H769.1	H770.1	X172.1
Gas-permeable	No				
Puncturable	No		Yes		No
Temperature stability	-40 to +120 °C				-20 to +80 °C

Polyester

Material: Polyester self-adhesive. Also suitable for ELISA plates.

Minimises evaporation. Films with thickness 25 µm can be penetrated using a single-channel pipette.

L x W (mm)	Thickn. (µm)	Sterility	Art. No.	Pack Qty.
141 x 79.4	25	Non-sterile	H769.1	100 unit(s)
141 x 79.4	25	Sterile	H770.1	100 unit(s)
146 x 79.4	50	Non-sterile	EN76.1	100 unit(s)
146 x 79.4	50	Sterile	EN77.1	100 unit(s)

Aluminium

Material: Aluminium (aluminium-coated paper), self-adhesive, acrylic-based adhesive. Good diffusion barrier.

L x W (mm)	Thickn. (µm)	Sterility	Art. No.	Pack Qty.
130 x 78	65	Non-sterile	X172.1	100 unit(s)



Sealing film (Roll) for microtitration plates

ROTH SELECTION. Material: Polyester (self-adhesive).

For closing microtest plates. Minimises cross-contaminations of the samples during incubation, transport and brief storage. Also suitable for ELISA plates. Without intermedia layer of paper, for fast handling.

Technical specifications:

Art. No.	APT6.1
Gas-permeable	No
Puncturable	No
Temperature stability	-40 to +120 °C

L x W (mm)	Thickn. (µm)	Sterility	Pack.	Art. No.	Pack Qty.
122 x 79	38	Non-sterile	100 single films on the roll	APT6.1	2 unit(s)



Accessories dispenser for rolls of sealing film

ROTH SELECTION. Material: PP. Non-sterile.

Handy dispenser for quick unrolling and adhesion of covering films from rolls.

Delivery incl. 2 roll of covering film (APT6.1)

L x W (mm)	Sterility	Art. No.	Pack Qty.
80 x 105	Non-sterile	APT7.1	1 unit(s)



Seal roller ROTILABO®

ROTH SELECTION. Material: Rubber (Roller), Metal (frame).

For more effective sealing of microtest, PCR and Deep-Well plates with sealing foil or sealing mats as the roller presses them on more evenly. Roller width: 100 mm, roller Ø: 30 mm.

Colour	Art. No.	Pack Qty.
white	HE23.1	1 unit(s)



Sealing films



Sealing film gas-permeable sterile

ROTH SELECTION. Material: PU (polyurethane-based film, self-adhesive). **Sterile.**

- For closing microtitration plates
- Prevents well-to-well contamination
- Allows exchange of oxygen, CO₂ and water vapour
- Ideal for aerobic cell cultures, for biological and immunological cell bases, cell selection, screening
- Gamma-sterilised, not cytotoxic

Technical specifications:

Art. No.	T093.1
Gas-permeable	Yes
Puncturable	Yes
Temperature stability	-80 to +110 °C

L x W (mm)	Thickn. (µm)	Sterility	Art. No.	Pack Qty.
153 x 78	25	Sterile	T093.1	100 unit(s)



Sealing film ROTILABO® for cell cultures

ROTH SELECTION. Material: Cellulose (plastic), self-adhesive.

Hydrophobic sealing film for cell culture and deep-well plates.

- Gas-permeable, for even air and CO₂ exchange
- Minimises evaporation and cross-contaminations
- Perforated ends for simple and fast adhesion
- Not cytotoxic

Technical specifications:

Art. No.	EN84.1	EN85.1
Gas-permeable	Yes	
Puncturable	Yes	
Temperature stability	-20 to +80 °C	

L x W (mm)	Sterility	Art. No.	Pack Qty.
142.9 x 82.6	Non-sterile	EN84.1	100 unit(s)
142.9 x 82.6	Sterile	EN85.1	50 unit(s)



Sealing film ROTILABO® PCR

ROTH SELECTION.

For sealing PCR plates.

- Suitable for use in thermocyclers
- Perforated ends for simple and fast adhesion
- **Free of nucleic acid, RNase/DNase-free**

Technical specifications:

Art. No.	EN80.1	EN81.1	KKE1.1	KKE2.1	EN82.1	EN83.1
Gas-permeable	No					
Puncturable	Yes			No		
Temperature stability	-80 to +120 °C			-40 to +125 °C	-40 to +120 °C	

Polypropylene

Material: PP self-adhesive.

- Easy to use

L x W (mm)	Thickn. (µm)	Sterility	Pack.	Art. No.	Pack Qty.
135.1 x 79.4	50	Non-sterile	1 x 100	EN82.1	100 unit(s)
135.1 x 79.4	50	Sterile	1 x 100	EN83.1	100 unit(s)

Aluminium

Material: Aluminium Self-adhesive.

- Excellent barrier properties
- No sample evaporation

L x W (mm)	Thickn. (µm)	Sterility	Pack.	Art. No.	Pack Qty.
146.1 x 82.6	36	Non-sterile	1 x 100	EN80.1	100 unit(s)
146.1 x 82.6	36	Sterile	2 x 25	EN81.1	50 unit(s)

Sealing films



Sealing film PCR Individual strips

Self-adhesive. For sealing PCR reaction vials (Eight-tube strips) or individual rows on PCR trays.

- Suitable for use in thermal cyclers
- Perforated ends make them easy and quick to attach
- **RNase-/DNase-free**

Technical specifications:

Art. No.	KKE7.1	KKE6.1
Puncturable	No	Yes
Temperature stability	-40 to +120 °C	-80 to +120 °C

Aluminium

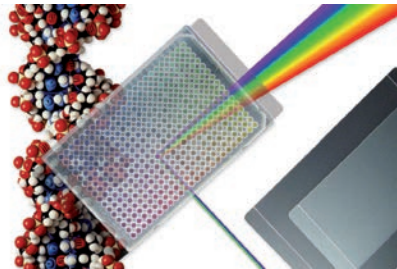
- Ideal for standard PCR applications and for storage
- Suitable for light-sensitive applications
- Resistant to DMSO

Thickn. (µm)	Art. No.	Pack Qty.
50	KKE6.1	300 unit(s)

Polyester

- Ideal for standard PCR applications and for storage
- Suitable for RT-PCR

Thickn. (µm)	Art. No.	Pack Qty.
50	KKE7.1	400 unit(s)



Sealing film for RT-PCR

ROTH SELECTION. Material: Polyester (visually transparent), with strong, non-absorbant and non-fluorescent adhesive.

Suitable for ELISA, real-time qPCR applications as well as for protein crystallisation. On plastic carrier film, easy to remove.

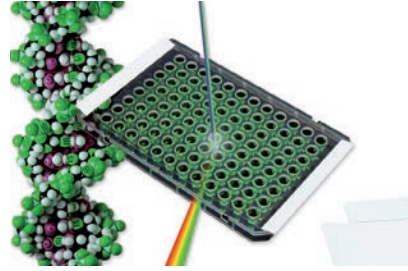
Length between perforations 121.9 mm.

Free of DNase, RNase and nuclein acid.

Technical specifications:

Art. No.	APT8.1
Gas-permeable	No
Puncturable	No
Temperature stability	-40 to +120 °C

L x W (mm)	Thickn. (µm)	Sterility	Art. No.	Pack Qty.
142.9 x 79.4	50	Non-sterile	APT8.1	100 unit(s)



Sealing film PCR with special adhesive

ROTH SELECTION. Material: Polyolefin (visually transparent), with integrated, encapsulated silicone adhesive.

The initially non-sticking adhesive is activated by applying pressure to the PCR plate for optimum sealing, while the area directly above the well remains unchanged. The high visual clarity at these points ensures reproducible results.

Suitable for ELISA, real-time qPCR applications, quantitative DNA amplifications, as well as protein crystallisation.

- Low autofluorescence
- Resistant to DMSO
- **Free of DNase, RNase and DNA**

Technical specifications:

Art. No.	APT9.1
Gas-permeable	No
Puncturable	No
Temperature stability	-70 to +100 °C

Length between perforations 113 mm.

L x W (mm)	Thickn. (µm)	Sterility	Art. No.	Pack Qty.
139.7 x 78.6	50	Non-sterile	APT9.1	100 unit(s)

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