

Sealers and Cappers Foil, Sealing Films, Mats and Lids

- Sealing Foils, also on rolls (pages 1 - 5)
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Brochure 2018

Standard plate sealer

Affordable standard plate sealer from polypropylen, recommended for temperatures from -80 °C to +120 °C for microwell-plates and deep well blocks.

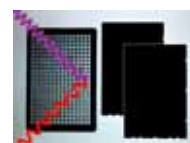
Cat. No.	Description	Cs.
25-030-00	Non toxic, self-adhesive	100

Foils for fluorescence detection and photo protection



AbsorbMax™

- 203 µm, **light absorbing** vinyl foils with 37 µm adhesive for application on top or bottom of black microwell-plates
- Top: fluorescence detection from bottom
- Bottom: fluorescence detection from above
- Protection of light-sensitive samples: for storage and reduction of stray light or crosstalk effects during fluorescence assays



Cat. No.	Application	Temperature range	sterile	pierceable	Material	Cs.	
Excel BK-50	Porvair 229520	Fluorescence, Photo protection	-40 °C to +80 °C	no	no	vinyl	50

Foils for luminescence and microscopy



BrightMax™

- 203 µm, white **light reflecting** foils for application on top- or bottom of white microwell-plates
- Light reflecting properties maximize sensitivity of bio- and chemiluminescence assays for bottom reading luminometer
- Additional applications for mounting and storage of filter for microscopy such as ELISPOT



Cat. No.	Application	Temperature range	sterile	pierceable	Material	Cs.
WT-50	Fluorescence, Microscopy	-40 °C to +80 °C	no	no	vinyl	50

PTFE sealing film from J.G. Finneran, patented

- PTFE foil
- Clear, adhesive-free mat prevents sample contamination through adhesive
- Solvent-free coating adheres to polypropylen, polystyrene and polycarbonate materials
- Compatible with soluble and organic solutions
- Excellent chemical resistance, also against DMSO



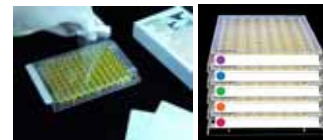
Cat. No.	Application	Temperature range	sterile	pierceable	Material	Cs.
BST-9790	Automation	-80 °C to +120 °C	no	yes	PTFE, 50 µm	100

Foils for ELISA, short-term storage and incubation



SealPlate®

- 50 µm polyester foils minimize evaporation and prevent contamination between wells
- Secure sealing of all wells, eliminates "edge effects" in sensitive ELISA assays
- Can also be used for tissue cultures for short-term storage and incubation (also available on rolls for manual applications, see page 5)



Cat. No.		Application	Temperature range	sterile	pierceable	Material	Cs.
Excel	Porvair						
100-SEAL-PLT	229016	ELISA/Incubation	-40 °C to +120 °C	no	no	PES	100
STR-SEAL-PLT	-	ELISA/Incubation	-40 °C to +120 °C	yes	no	PES	100

ThinSeal™, 25 µm thick, pierceable with single channel pipets, clearer and thinner SealPlate® version

100-THIN-PLT	-	ELISA/Incubation	-40 °C to +120 °C	no	marginal	PES	100
STR-THIN-PLT	-	ELISA/Incubation	-40 °C to +120 °C	yes	marginal	PES	100

SealPlate® MiniStrip™ - for sealing of one or two 8-well rows

SP-2X8-50	-	ELISA/Incubation	-40 °C to +120 °C	no	no	PES	200
SPS-2X8-50	-	ELISA/Incubation	-40 °C to +120 °C	yes	no	PES	200

EZcap™, SealPlate® FilmStrip™ - for sealing of two 8-well rows

SPCS-2X8-200	-	ELISA/Incubation	-40 °C to +120 °C	no	no	PES	200
SPSCS-2X8-200	-	ELISA/Incubation	-40 °C to +120 °C	yes	no	PES	200

SealPlate® ColorTab™ - with colour coding (coloured dot) and white writing area on the removal strip

SP-IDA-10	-	ELISA/Incubation	-40 °C to +120 °C	no	no	PES	50
Colour assorted							
SP-IDB-100	-	ELISA/Incubation	-40 °C to +120 °C	no	no	PES	100
Colour blue							
SP-IDG-100	-	ELISA/Incubation	-40 °C to +120 °C	no	no	PES	100
Colour green							
SP-IDL-100	-	ELISA/Incubation	-40 °C to +120 °C	no	no	PES	100
Colour lavender							
SP-IDO-100	-	ELISA/Incubation	-40 °C to +120 °C	no	no	PES	100
Colour orange							
SP-IDR-100	-	ELISA/Incubation	-40 °C to +120 °C	no	no	PES	100
Colour red							

Foils for automation, also for ELISA applications



EZ-Pierce™

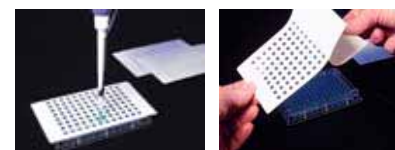
- 70 µm thick polyethylene foil with acrylic adhesive
- Easily pierceable with single or multi channel pipettes as well as needles from robots
- Inert and chemical resistant



Cat. No.		Application	Temperature range	sterile	pierceable	Material	Cs.
Excel	Porvair						
EZP-100	229306	Automation	-40 °C to +90 °C	no	yes	PE	100
EZPS-25	-	Automation	-40 °C to +90 °C	yes	yes	PE	50

ZoneFree™

- 70 µm thick polypropylene foil
- Clear, adhesive-free foil prevents sample contamination through adhesive
- Easily pierceable with single or multi channel pipettes as well as needles from robots
- Inert and chemical resistant



Cat. No.		Application	Temperature range	sterile	pierceable	material	Cs.
Excel							
ZAF-PE-50		Automation	-40 °C to +90 °C	no	yes	PP, PE	50

X-Pierce™ for automation and ultrasonic

- 100 µm thick vinyl foil for 96-well plates
- Precut "X" (flaps) over each well allows easy access to samples
- X-flaps return to original position after taking a sample
- Limited protection of samples after adding several solutions through pipetting
- For unlimited protection another sealing film needs to be applied to the plate

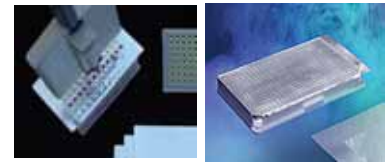


Cat. No.		Application	Temperature range	sterile	pierceable	Material	Cs.
Excel	Porvair						
XP-100	229495	Automation, Ultrasonic	-40 °C to +90 °C	no	yes	vinyl	100
XPS-25	229496	Automation, Ultrasonic	-40 °C to +90 °C	yes	yes	vinyl	50

Foils for PCR, High-throughput screening, cool storage and extreme environments

AlumaSeal II™ for PCR and cold storage and AlumaSeal CS™ for cold storage

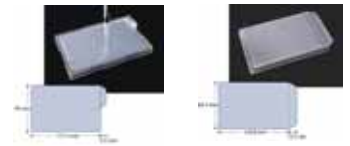
- 36 µm soft, non-permeable aluminium foil with strong adhesive according to medical standards
- Excellent barrier properties, virtually no evaporation or drying
- Easily pierceable with single or multi channel pipettes and needles from robots
- Heat and cold resistant, impervious to light
- Certified DNase-, RNase-, and nucleic acid free
- AlumaSeal CS™ - only for cold storage!
(also available on rolls for automation, see page 5)



Cat. No.	Application	Temperature range	sterile	pierceable	Material	Cs.	
Excel	Porvair						
AF-100	-	PCR, Cold storage	-80 °C to +120 °C	no	yes	Al	100
AFS-25	-	PCR, Cold storage	-80 °C to +120 °C	yes	yes	Al	50
FC-100	229499	Cold storage	-80 °C to +130 °C	no	yes	Al	100
FCS-25	-	Cold storage	-80 °C to +130 °C	yes	yes	Al	50

AlumaSeal 96™ and AlumaSeal 384™ for PCR and storage

- 38 µm thick aluminium foil for 96-well and 384-well plates
- One end tab of 9,5 mm without perforation
- Excellent barrier properties, virtually no sample evaporation or drying
- Easily pierceable with single or multi channel pipettes and needles from robots
- Heat and cold resistant, impervious to light
- Certified DNase-, RNase-, and nucleic acid free
- AlumaSeal 96™ for plates with high rims, equivalent to Corning/Costar #6570
- AlumaSeal 384™, equivalent to Corning/Costar #6569



Cat. No.	Application	Temperature range	sterile	pierceable	Material	Cs.	
Excel	Porvair						
F-96-100	229497	PCR, Storage	-40 °C to +150 °C	no	yes	Al	100
F-384-100	-	PCR, Storage	-40 °C to +150 °C	no	yes	Al	100

ThermalSeal® for PCR

- 50 µm thick heat resistant PP-foil for thermal cycling applications
- Excellent barrier properties, non-pierceable
- Certified DNase-, RNase-, and nucleic acid-free



Cat. No.	Application	Temperature range	sterile	pierceable	Material	Cs.	
Excel	Porvair						
100-THER-PLT	229303	PCR	-40 °C to +120 °C	no	no	PP	100
STR-THER-PLT	229304	PCR	-40 °C to +120 °C	yes	no	PP	100

ThermalSeal® MiniStrip™ - for secure sealing of one or two 8-well strips

TS-2X8-50	-	PCR	-40 °C to +120 °C	no	no	PP	200
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EZcap™, PCR® FilmStrip™ - for secure sealing of two 8-well strips

TSCS-2X8-200	-	PCR	-40 °C to +120 °C	no	no	PP	200
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ThermalSeal A™ - with strong adhesive for better adhesion to plates, for plates with higher rims

TSA-100	-	PCR	-40 °C to +125 °C	no	no	PP	100
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ThermalSeal 2™

In comparison to 100-THER-PLT and STR-THER-PLT with stronger adhesive (better adhesion to plates), less evaporation, longer tabs at the end for a better handling, tear-resistant when removing

TS2-100	-	PCR	-40 °C to +120 °C	no	no	PES	100
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eXTReme™ Sealing Foils for extreme conditions

- FoilSeal™ consists of 1,9 mm thick aluminium and is tear-resistant
- Easily pierceable with single or multi channel pipettes and needles from robots
- Ideal for PCR and storage at low temperatures
- Excellent barrier properties minimize sample evaporation
- Specially formulated adhesives provides a strong seal of all plate materials
- Certified DNase- and RNase-free
- 2 versions 2 ml PES, extra strong, large cut for greater coverage
- **NEW:** Also available with two perforated end-tabs to allow easy film placement and removal (XTR-LG-100)



Cat. No.	Application	Temperature range	sterile	pierceable	Material	Cs.	
Excel	Porvair						
XTR-FOIL-100	-	PCR	-80 °C to +120 °C	no	yes	Al	100
XTR-100	-	PCR, qPCR	-40 °C to +120 °C	no	no	PES	100
XTR-LG-100	-	PCR, qPCR	-40 °C to +120 °C	no	no	PES	100

Sealing Paddles and Roller

Small helpers to apply sealing films

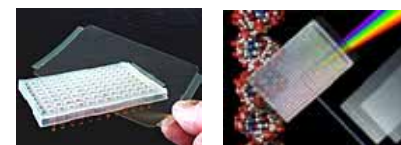


Cat. No.	Application
PDL-5	Sealing Paddle to apply sealing films
RL-PLT-01	Sealing Roller to apply sealing films

Cs
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Foils for Real-Time PCR, storage, protein crystallization

ThermalSeal RT™ and ThermalSeal RT2RR™ for Real-Time PCR

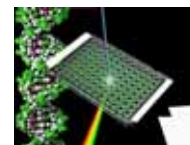


- 50 µm thick optical clear polyester foil
- “Brilliant” ultra high optical clarity through flat, non absorbent and non fluorescent adhesive according to medical standards
- Plastic covered foil instead of paper supports high optical clarity
- Certified DNase-, RNase-, and nucleic acid-free
- ThermalSeal RT2RR™ - 50 µm film, for plates with high rims

Cat. No.	Application	Temperature range	sterile	pierceable	Material	Cs.	
Excel	Porvair						
TS-RT2-100	-	Real-Time PCR	-40 °C to +120 °C	no	no	PE	100
TS-RT2RR-100	229521	Real-Time PCR	-40 °C to +120 °C	no	no	PE	100

ThermalSeal RTS™ for Real-Time qPCR, storage, protein crystallization

- 50 µm thick polyolefine foil
- Optical clear with low auto fluorescence
- Chemical inert with exclusion of extreme pH-values, DMSO-resistant
- Silicone adhesive is inert and only sticks when it is pushed against the sealing surface
- Silicone adhesive forms the strongest available seal to prevent evaporation
- Certified DNase-, RNase-, and nucleic acid-free (also available on rolls for automation, see page 5)



Cat. No.	Application	Temperature range	sterile	pierceable	Material	Cs.	
Excel	Porvair						
TSS-RTQ-100	-	Real-Time qPCR, Storage, Protein crystallization	-70 °C to +100 °C	no	no	PO	100
TSS-RTQS-50	-	Real-Time qPCR, Storage, Protein crystallization	-70 °C to +100 °C	yes	no	PO	50

Foils for cell and tissue cultures



AeraSeal®

- 114 µm thick, hydrophobic, permeable foil with adhesive according to medical standards for tissue culture plates, bio blocks and 96-well plates for cell culture or bacterial growth
- Air permeable, steady exchange of air and CO₂ in all wells, non-cytotoxic
- Easily pierceable with pipet tips or pipets for sample recovery (also available on rolls for automation or manual applications, see page 5)



Cat. No.	Application	Temperature range	sterile	pierceable	Material	Cs.	
Excel	Porvair						
B-100	-	Cell and tissue culture	-20 °C to +80 °C	no	yes	Rayon	100
BS-25	229308	Cell and tissue culture	-20 °C to +80 °C	yes	yes	Rayon	50

Air permeable transparent sealing films



- Hydrophobic, gas permeable foil with adhesive for 96-well plates (round wells) and 384-well plates (square plates) for cell culture or bacterial growth
- Air permeable, steady exchange of air and CO₂ in all wells, non-cytotoxic, sterile
- Transparent over the well: Ideal for control of growth or removal of the foil
- Easy to remove

Cat. No.	Formate	Application	Temperature range	sterile	transparent over wells	Cs.
500120	96-well	Cell and tissue culture	-20 °C to +80 °C	yes	yes	50
500121	384-well	Cell and tissue culture	-20 °C to +80 °C	yes	yes	50

Sealing films on rolls



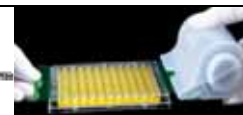
Roll-Seal™ for Automation





Manufactured for high-throughput applications with automatic sealers, the Roll-Seal™ format provides reliable and efficient sealing at a lower cost per plate with minimal user intervention. The film rolls are constructed on a 7.62 cm plastic core, which makes them compatible with most automatic sealers. The rolls are packed robust and static-free for protection during shipment and facilitating accurate alignment and adhesion.

Cat. No.	Description
RRTS-79x65	ThermalSeal® RTS Film , 79 mm x 65 m, for 540 microwell-plates 50 µm Polyolefin with 50 µm inert silicone adhesive, optical clear with low auto fluorescence, non-sterile , temperature range: -70 to +100 °C, DMSO resistant, nuclease-, nucleic acid- and pyrogene-free, Application: RT-PCR, sitting-drop protein crystallization, HTS and storage
For single foils see page 4	
RF-80x100	AlumaSeal® Foil , 80 mm x 100 m, for 830 microwell-plates 38 µm thick with 38 µm adhesion layer, excellent barrier properties, virtually no evaporation, non-sterile , temperature range: -80 to +120 °C, DMSO resistant; nuclease-, nucleic acid- and pyrogene-free, pierceable , Application: PCR, HTS and cold storage
For single foils see page 3	
RB-81x100	AeraSeal™ Film , 81 mm x 100 m, for 830 microwell-plates 114 µm thick, hydrophobic, permeable foil with adhesive according to medical standards for tissue culture plates, minimizes evaporation and cross-contamination, air permeable, steady exchange of air and CO ₂ in all wells, non-cytotoxic, non-sterile , Temperature range: -20 to +80 °C, pierceable , Application: Cell culture in deep well blocks and 96-well plates
For single foils see page 4	

SealMate™ system for manual applications



Provides a convenient method to seal microwell-plates in standard format with adhesive foils. The system includes a moulded polypropylene dispenser with a hinged “clamshell” design and sealing films supplied in a novel sheeted-roll configuration. The dispenser provides not only the fast and secure sealing, but also protects the unused foils on the roll. Available as SealPlate® and AeraSeal™ (for single foils see pages 2 and 4), sterile and non-sterile.

	SealPlate® (colour green) 38 µm polyester foils, <u>non pierceable</u> , for immuno assays (ELISA, EIA and similar applications), incubation and storage, temperature range: -40 to +120 °C, for 100 plates
	AeraSeal™ (colour red) 114 µm hydrophobic, air permeable foils for a steady exchange of air and CO ₂ in all wells, pierceable , non-cytotoxic, for cell culture and bacterial growth, temperature range: -20 to +80 °C, for 50 plates

Cat. No.	Description
SM-KIT-SP	SealPlate® Starter Kit SealMate™ Dispenser and 2 rolls SealPlate, each 100 foils/roll, non-sterile
SM-KIT-SPS	SealPlate® Starter Kit SealMate™ Dispenser and 2 rolls SealPlate, each 100 foils/roll, sterile
RSMSP-2	SealPlate® Rolls -40 °C to +120 °C, 2 rolls, each 100 foils/roll, non-sterile
RSMSP-2-S	SealPlate® Rolls -40 °C to +120 °C, 2 rolls, each 100 foils/roll, sterile
NEW!	SealPlate® Rolls
SP2-RL-500	RollMate™ Dispenser and 1 roll SealPlate®, 500 pre-slit foils
F2-RL-500	RollMate™ Dispenser and 1 roll FoilSeal™, 500 pre-slit and chemical resistant foils
SM-KIT-B	AeraSeal™ Starter Kit SealMate Dispenser and 2 rolls AeraSeal, each 50 foils/roll, non-sterile
SM-KIT-BS	AeraSeal™ Starter Kit SealMate™ Dispenser and 2 rolls AeraSeal, each 50 foils/roll, sterile
RSMB-2	AeraSeal™ Rolls -20 °C to +80 °C, 2 rolls each 50 foils/roll, non-sterile
RSMB-2-S	AeraSeal™ Rolls -20 °C to +80 °C, 2 rolls, each 50 foils/roll, sterile

Heat Sealing

Heat sealing of multiwell plates is the method of choice in laboratories to accomplish a fast, air tight and secure sealing without transferring disrupting adhesives to the plate surface.



MiniSeal II



- Semi-automatic, no compressed air required
- Easy and secure sealing of plates in SBS format
- Sealing of plates with a height of 9 - 48 mm
- Temperature range: from ambient to 200°C (steps of 1 °C)
- Heating time for typical sealing temp. of 165 °C only 5 min.
- Sealing time 0.1 to 9.9 seconds
- User friendly
- Combined display for temperature and sealing time
- Low weight (6 kg) and small bench space

Suitable foils: please see below

Cat. No.	Description
500090	MiniSeal II Heat Plate Sealer, inclusive 2 adapters for standard plates in SBS-format, deep well and PCR plates, brass plate weight
500083	Adapter for rimless 96-well plates
500084	Adapter for 384-well PCR plates with flat surface
500110	Spare plate weight to hold film down during sealing – for Recessed plates only
500213	Spare plate weight to hold film down during sealing – for Standard & Rimless plates

Foils for heat sealing with MiniSeal II (see above)

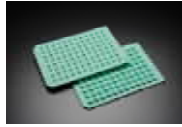


Foils 125 x 78 mm for heat sealing with colour coding



The new, precise manufactured foils have the required size and thickness and are easy to distinguish by colour coding. The pre-sliced foils are marked, so that you use the right side upwards. This reduces the possibility to damage the very sensitive thermo head of the heat sealer.

Cat. No.	Description	Cs.
229571	Peelable 70 µm PE/aluminium coated foil, red colour coding	100
229572	Pierceable 20 µm PP/PS coated aluminium foil, green colour coding	100
229573	Pierceable/peelable 38 µm coated aluminium foil, blue colour coding	100
229574	Stable 85 µm aluminium foil for long term storage, black colour coding	100
5000090	Clear, pierceable 75 µm polyester foil, black colour coding (not peelable)	100
500010	Optical clear, peelable 105 µm polyester foil, black colour coding (not pierceable)	100



Sealing mats

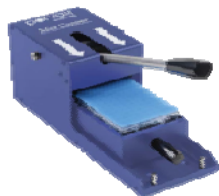


Cat. No.	Description	Cs.
380001	Silicone sealing cap to fit 384 well plates, (Porvair: plates 219040, 219041)	50
219004	EVA sealing cap to fit 96-well plates with square wells (Porvair: plates 219006, 219008, 219009), DNase- / RNase-free, individual packaging	50
219019	EVA sealing cap to fit 96-well plates with square wells, <u>sterile</u> (Porvair: plates 219025, 219026, 219027), DNase- / RNase-free, individual packaging	50
360010	Pierceable santoprene sealing mat to fit 96-well plates with square wells (Porvair: plates 219006, 219008, 219009)	100
219036	EVA sealing cap to fit 96-well plates with round wells (Porvair: plate 219002) DNase- / RNase-free, individual packaging	50
219042	EVA sealing cap to fit 96-well plates with round wells, <u>sterile</u> (Porvair: plate 219012), DNase- / RNase-free, individual packaging	50
360098	Strong silicone sealing cap to fit 48-well plates with 5 ml and 7.5 ml	100
360014	Pierceable Santoprene sealing strips to fit 24-well plates (Porvair: plate 360013)	100
360006	Pierceable Santoprene sealing mat to fit 48-well plates (Porvair: plates 360002, 360004)	100
219044	Pierceable sealing mat to fit 96-well plates with round wells (Porvair: plate 219002), DNase- / RNase-free, individual packaging	50
219033	Pierceable sealing cap mat, PP, square wells (Porvair : plates 219030 and 219031)	50
500179	Pierceable silicone cap mat, round wells with double O-ring (Porvair: plates 219020/219021)	50
500243	Pierceable TPE mat, round wells with double O-ring (Porvair: plates 219020, 219021)	50
500182	Pierceable silicone cap mat, square wells with double O-ring (Porvair: plates 219009/219027)	50
219251	Sealing mat to fit low-profile 1.1 ml deep well plates	100
500018	EVA sealing strip for 8 square wells, DNase- / RNase-free (Porvair: plates 219006, 219008 und 219009)	300
996050MR-96	Grey PTFE/Silicone mat with round wells for standard 96 round well plates	5
996075MR-96	Prescored grey PTFE/Silicone mat with round wells for standard 96 round well plates	5
997005MR-96	Green Silicone mat with round wells for standard 96 round well plates	5
997075MR-96	Prescored green Silicone mat with round wells for standard 96 round well plates	5
996050SW-96	Grey PTFE/Silicone mat with square wells for standard 96 square well plates	5
996075SW-96	Prescored grey PTFE/Silicone mat with square wells for standard 96 square well plates	5
997005SW-96	Green Silicone mat with square wells for standard 96 square well plates	5
997075SW-96	Prescored green Silicone mat with square wells for standard 96 square well plates	5
9760507MR-96	PTFE spray coated clear sealing mat with 7 mm plugs for 96 round well plates	5
9760757MR-96	Pre-slit and PTFE spray coated clear sealing mat with 7 mm plugs for 96 round well plates	5
9762507MR-96	Spray coated, ultra low evaporating clear sealing mat with 7 mm plugs for 96 round well plates	5
9762757MR-96	Pre-slit and spray coated clear sealing mat with 7 mm plugs for 96 round well plates	5
9760508MR-96	PTFE spray coated clear sealing mat with 8 mm plugs for 96 round well plates	5
9760758MR-96	Pre-slit and spray coated clear sealing mat with 8 mm plugs for 96 round well plates	5
9762508MR-96	Spray coated, ultra low evaporating clear sealing mat with 8 mm plugs for 96 round well plates	5
9762758MR-96	Pre-slit and spray coated, ultra low evaporating clear sealing mat with 8 mm plugs for 96 round well plates	5
9764508MR-96	Spray coated clear sealing mat with short 8 mm plugs for 96 round well plates	5
9764758MR-96	Pre-slit and spray coated clear sealing mat with short 8 mm plugs for 96 round well plates	5
976050SW-96	PTFE spray coated silicone mat for 96 square well plates	5
976075SW-96	Pre-slit and PTFE spray coated silicone mat for 96 square well plates	5
976250SW-96	PTFE spray coated, ultra low evaporating silicone mat for 96 square well plates	5
976275SW-96	Pre-slit and PTFE spray coated, ultra low evaporating silicone mat for 96 square well plates	5

Lids for 96-well plates

Cat. No.	Description	Cs.
229125	Universal lid for all standard SBS format 96-well plates, PS	100
229225	Universal lid for all standard SBS format 96-well plates, PS, sterile	100
229126	Universal lid for all standard SBS format 96-well plates, PP, black	100

MatCapper



- Caps shallow and deep well polypropylene plates
- Needs minimal pressure for capping, reducing fatigue and RSI
- Powder coated to resist chemical spillage
- Universal plate "shuttle" to take shallow or deep well plates
- Fixing holes for securing to bench
- Works with glass tube racks, also 2D bar-coded
- EVA or silicone mats are reusable with care

Cat. No.
229078

Description
MatCapper

AutoCapper



- Automated application of friction sealing caps
- Reproducible, even pressure every time
- Speeds up the general workflow
- Universal plate "shuttle" to take shallow or deep well plates and even glass tube racks
- Small footprint for laboratory benches

Cat. No.
500246

Description
AutoCapper (110/220 V)

**Suitable Porvair plates for sealing mats and lids are also in our portfolio.
Please contact us for more information.**

Abbreviations:	Al:	Aluminium
	PE:	Polyethylene
	PES:	Polyester
	PO:	Polyolefine
	PP:	Polypropylene
	PS:	Polystyrene

Price: Prices in Euro per unit, excluding VAT.

Freight costs: Germany: We charge Euro 20.00 for delivery. Large delivery on a palette: please enquire. Below a net order value of Euro 100.00 an additional charge of Euro 8.00 will apply. Other countries: Please contact us for further information.

Payment: 30 days net or against pro forma invoice.

Prices are subject to change without notice. Prices supersede all prices in previous documents. No responsibility is taken for the accuracy of the information.

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