

Prep mats for use with cytostatic agents

BERNER Z⁺
PLUS

Highly absorbent 3-layer system
for safe preparation and application



BERNER

safety systems
made in Germany

Prep mats for use with cytostatic agents

BERNER Z⁺_{PLUS}

The 3-layer system for highest safety in daily work

Discover the ideal bases for the safe handling of carcinogenic drugs – Z⁺_{PLUS} prep mats for use with cytostatic agents from **BERNER** with the proven 3-layer system. The prep mats, specially designed for use in safety cabinets for preparing cytostatic agents, convince with regard to application in patients and as drip protection in transport containers due to their outstanding absorption.

Z⁺_{PLUS} prep mats for use with cytostatic agents provide an even distribution, maximum absorption and a reliable barrier effect due to the proven three-layer system. The lint-free surface ensures high product protection during the manufacture of drugs, whilst the non-slip underlayer guarantees safe operation.

This perfectly suited 3-layer system retains its shape even with high loads and thus ensures optimal stability of your drugs and implements. The Z⁺_{PLUS} prep mats for use with cytostatic agents are available sterile or non-sterile, depending on your requirements. Non-sterile prep mats come in a dispensing box for easy and convenient removal.

Super-absorbent prep mats with blue mesh structure

- Surface made from lint-free polyethylene mesh that is impervious to liquids
- Extremely absorbent middle layer
- Non-slip underlayer that is impervious to liquids
- Available in two sizes

Highly absorbent white prep mats with honeycomb pattern

- Surface made from highly absorbent, non-linting material
- Middle layer that is impervious to liquids
- Non-slip underlayer



High absorption and reliable barrier effect



Easy and convenient removal



Super-absorbent prep mats with blue mesh structure



Highly absorbent white prep mats with honeycomb pattern

Prep mats for use with cytostatic agents

Colour	Dimensions	PU*	ID-No. non-sterile	ID-No. sterile
Blue	Approx. 420 x 260mm	50	80 00	80 01
Blue	Approx. 560 x 410mm	50	81 00	–
		40	–	81 01
White	Approx. 610 x 440mm	50	87 00	88 00

*Packing unit: Number per box

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PRODUCT INFORMATION

Prep Mats

Spill proof-prep mats for cytostatic and biological agents

Summary

- + **Area of application:** For the absorption of spilt liquids, e.g. CMR¹-drugs, on a limited basis. The use of this prep mats is for the support of safe manufacturing in cytostatic safety cabinets, during application or in transport boxes or similar and for the work with biological agents.
- + **Features:** Spill proof – prep mat for maximum absorption of liquids. Do not reuse!
- + **Disposal:** Waste requiring supervision waste code: 18 01 04 in accordance with 2000/532/EC); in the event of heavy contamination, waste requiring special supervision (waste code: 18 01 08* in accordance with 2000/532/EC); collect and dispose of waste separately!
 - 1 Personal protective equipment in accordance to 89/686/EEC.

Versions

Dimensions	420 x 260 mm ± 10%	560 x 410 mm ± 10%	610 x 440 mm ± 10%
Item no. (non-sterile)	8000	8100	8700
Pieces in dispenser carton	50 pieces	50 pieces	50 pieces
Disp. carton in covering box	10	5	12
Item no. (sterile)²	8001	8101	8800
Pieces in dispenser carton	50 pieces	40 pieces	50 pieces
Disp. carton in covering box	6	6	6
Weight of 1 piece	16,5 g	30,0 g	37,0 g

- 2 The colour of the sterile packaging may vary (blue / green, etc.), however, this does not have an effect on the sterilization process or the sterility of the product.

Material

Three layer design

Item no.: 8000 + 8001 + 8100 + 8101

Material mesh	polyethylene
Colour	blue
Characteristics	to minimize particle-dispersion
Material central layer	air-laid paper
Weight	97,3 g/m ²
Characteristics	highly absorbent
Material underlayer	polyethylene-foil
Thickness	1 µm
Characteristics	impermeable to liquids

Item no.: 8700 + 8800

Material mesh	air-laid paper, 4-layer
Weight	80,0 g/m ²
Characteristics	highly absorbent
Material central layer	polyethylene-foil
Weight	15,0 g/m ²
Characteristics	impermeable to liquids
Material underlayer	MG-paper
Thickness	40,0 g/m ²
Characteristics	one-sided flat bleached kraft paper

Mechanical properties of material (average value)

Item.-no.	Absorption of liquids	
	Absolute ³	per prep-map ¹⁾
8000 + 8001	≤ 890 ml/m ²	≤ 100 ml
8100 + 8101	≤ 890 ml/m ²	≤ 200 ml
8700 + 8800	≤ 140 ml/m ²	≤ 50 ml

³ Internal tests, optimised conditions.

Quality management system

Our **quality management system** is **tested and certified** by TÜV Management Service GmbH (a certification body accredited by the German Accreditation Council,) in accordance with DIN EN ISO 9001:2008. Regular **audits and production site inspections** guarantee the quality of our products.

Storage and transport conditions

- + Dark (protect from direct UV light and sunlight)
- + Cool (+5 to +40°C)
- + Dry
- + No contact with pointed and/or sharp objects

Shelf life

- + Non-sterile: 5 years from the date of manufacture
- + Sterile: 4 years from the date of manufacture