



berner

Cytotoxic Gown

Helapet offer the Berner Cytotoxic Protective Gown, designed to be used whilst working with cytostatic and cytotoxic agents within a common pharmacy cleanroom or laboratory operation. Helapet also recommend using this gown whilst administering cytostatic or cytotoxic drugs to the patient where required.

A polymer liquid proof coating grants full frontal and arm permeation resistance to a range of commonly used hazardous chemicals and medical substances. The extra-long length, high neckline and totally closed front provides assured protection whilst granting a superior level of wearer comfort and freedom of movement. The handy Velcro® fastener at the neck and double sewn wrapping bands allow for a simple and secure fit over standard coveralls. Each gown is individually cleanroom packaged and supplied sterile for optimal transfer and use in cleanroom environments.



AB20XX

Features and Benefits

- ✓ Polymer coated protection against cytotoxic agents*
- ✓ Lint-free material
- ✓ Velcro® fastening at the neck
- ✓ Double sewn wrapping bands
- ✓ Sterile

*see overleaf

Ordering Information

AB2010 Berner Cytotoxic Gown
Small • sterile • 10 pcs/pck

AB2020 Berner Cytotoxic Gown
Medium • sterile • 10 pcs/pck

AB2030 Berner Cytotoxic Gown
Large • sterile • 10 pcs/pck

AB2040 Berner Cytotoxic Gown
X Large • sterile • 10 pcs/pck





Technical Data

Material	Polypropylene spun bond (ppsb)
Colour	Blue
Properties	Latex-free , low-linting, low particle generation
Vertical seam of the sleeves	Ultrasonic welded
Material Weight	42 g/m ²
Liquid-tight-coating	Polyethylene
Thickness	Approx. 25 µm
Packaging	Individually sterile packaged; 10 x gowns per carton
Compliance	Category 3 PPE - Complex Design Personal Protective Equipment PPE Directive 89/686/EEC
Sterilisation	Ethylene Oxide (ETO)
Shelf Life	4 years from date of manufacture

Permeation Data - (Protection from Chemical Hazards)

Permeation¹⁾ tested in accordance with DIN EN 16523-1:2015. Breakthrough times
2) [min] / performance classes 3) (1-6) were established for the following chemicals:

Chemical	Breakthrough time [min]	Performance class
Seam testing carmustine (3.3 mg/ml)	> 480	6
Carmustine (3.3 mg/ml)	> 480	6
Cisplatin (1.0 mg/ml)	> 480	6
Cyclophosphamide (20.0 mg/ml)	> 480	6
Etoposide (20.0 mg/ml)	> 480	6
5-Fluorouracil (50.0 mg/ml)	> 480	6
Gemcitabine (38.0 mg/ml)	> 480	6
ThioTEPA (10.0 mg/ml)	> 480	6
NaOH 30%	> 480	6
Formaldehyde 4%	> 480	6
Isopropanol 70%	> 480	6

1) Movement of a chemical through a material on a molecular level. 2) At a permeation rate of 1µg/min-cm².
3) The performance class does not reflect the actual duration of protection at the workstation.

Size Chart

Dimensions in centimetres

Size	Chest	Neck	Sleeve Length	Body Length	Tie Distance from Hem	Size Around
S	71.1	53.3	80	104	68.6	127
M	71.1	58.4	80	114	68.6	127
L	76.2	66	83.8	114	68.6	152
XL	83.8	68.6	88.9	117	68.6	167.6

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