



# 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 <sup>2</sup>
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)

**Permeation**<sup>1)</sup> 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-cm<sup>2</sup>.  
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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