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# berner

# Oversleeves

Berner Oversleeves provide optimal arm protection against high and low risk cytotoxic substances. Manufactured from highly resistant, low-linting polypropylene, the impermeable material offers excellent breakthrough times for a list of commonly used cytotoxic, biological and chemical agents\*.

Each Berner Oversleeve is shaped to universally fit over standard coveralls, granting greater freedom of movement. A secure elasticated finish at the top of the arm is complimented with comfortable knitted wrist cuffs.

Berner Oversleeves are cleanroom processed and supplied sterile in an easily accessible clean peel pouch.

### Features and Benefits

- ✓ Impermeable to chemical and cytotoxic agents\*
- Liquid proof coating
- Quality non linting materials
- ✓ Knitted cuff for added comfort
- ✓ Universal fit

\*see overleaf

## Ordering Information

#### **AB0001**

Berner Oversleeves

52cm • sterile • 40 pairs/pck

#### **AB6000**

Berner Oversleeves

52cm • non sterile • 50 pairs/pck



Helapet Limited | Lister House | Blackburn Road | Houghton Regis | Bedfordshire | LU5 5BQ Web: helapet.co.uk | Phone: +44 (0)1582 501980 | Email: sales@helapet.co.uk Helapet Limited is a CliniMed Group Company.





Material	Spun polypropylene fleece		
Colour	Blue		
Length	300mm		
Properties	Latex-free; low-linting; low particle generation		
Material Weight	42 g/m <sup>2</sup>		
Liquid-tight-coating	Polyethylene		
Coating thickness	CA. 25 µm		
Packaging	Sterile	1 x pair individually sterile packaged; 40 x pairs per unsealed liner; 1 x unsealed liner per pack	
	Non Sterile	1 x pair individually packaged; 50 x pairs per unsealed liner; 1 x unsealed liner per pack	
Compatibility	ISO Class 4		
Compliance	Category 3 PPE - Complex Design Personal Protective Equipment PPE Directive 89/686/EEC		
Sterilisation	Ethylene Oxide (ETO)		
OL IVLV	Sterile	4 years from date of manufacture	
Shelf Life	Non Sterile	5 years from date of manufacture	

# Permeation Data - (Protection from Chemical Hazards)

**Permeation**<sup>1)</sup> tested in accordance with EN 16523-1:2015.

Breakthrough times<sup>2)</sup> [min] / performance classes<sup>3)</sup> (1-6) were established for the following chemicals:

Chemical	Breakthrough time [min]	Performance class
Carmustine	> 480	6
Amsacrin	> 480	6
Cisplatin	> 480	6
Cyclophosphamide	> 480	6
Doxorubicin	> 480	6
5-Fluorouracil	> 480	6
Methotrexate	> 480	6
Paclitaxel	> 480	6
Thiotepa	> 480	6
Vincristin	> 480	6
NaOH 30%	> 480	6

<sup>1)</sup> Movement of a chemical through a material on a molecular level



 $<sup>^{2)}</sup>$  At a permeation rate of 1  $\mu g/min\cdot cm^2$ 

 $<sup>^{\</sup>mbox{\tiny 3)}}$  The performance class does not reflect the actual duration of protection at the work station