

### About

The BioClean-C sterile Chemotherapy Protective Apron with Sleeves provides protection against a range of cytotoxic drugs\*\*. Manufactured from lightweight low-linting CleanTough blue material. The apron features an adjustable neck fastening with tie tapes at the rear and ultrasonically bonded sleeve seams with protective tape. The polyester/Lycra elasticated cuffs ensure a secure hold at wrist to avoid the sleeve from moving and exposing the skin. Passes the ISO 16604 standard for resistance to penetration by blood-borne pathogens.

### Specifications

**MATERIAL:**

BioClean-C CleanTough blue material

**COLOUR:**

Blue

**CONSTRUCTION:**

Ultrasonically bonded sleeve seams with protective tape & 85% polyester/15% Lycra elasticated cuffs.

**CLASSIFICATION:**

PPE Cat 3 Type PB [6]

**CHARACTERISTICS:**

Low particulating

**COMPATIBILITY:**

ISO Class 4 & EU GMP Grade A

**STERILIZATION:**

Gamma irradiation

### Features

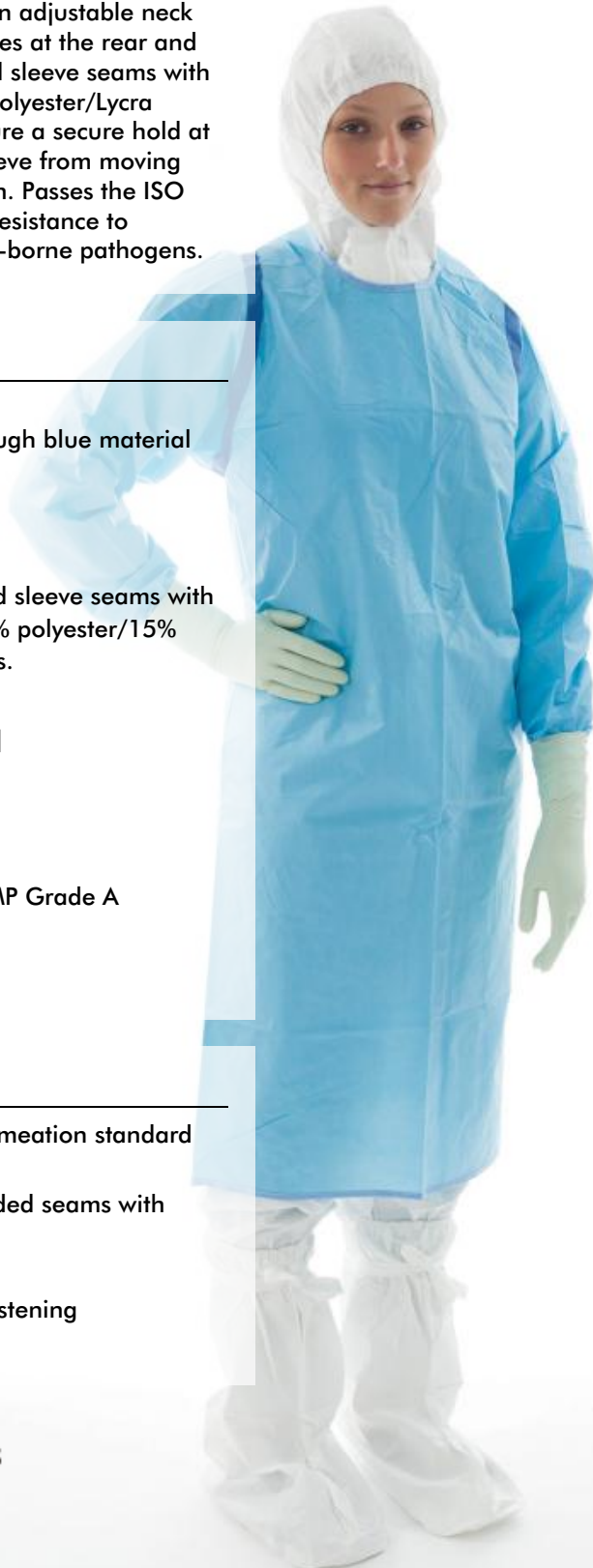
- Tested against permeation standard ASTM F739-12
- Ultrasonically bonded seams with protective tape
- Tie tapes at rear
- Adjustable neck fastening
- Silicone-free

**LIGHTWEIGHT & LOW-LINTING**

**TESTED AGAINST PERMEATION STANDARD ASTM F739-12**

**TESTED AGAINST PENETRATION STANDARD ISO 16604**

**ULTRASONICALLY BONDED & TAPED SEAMS**



## Quality Standards

- Manufactured in a facility holding ISO 9001:2015 and (EU)2016/425 Module D certifications
- Conforms to Category 3 - Personal Protective Equipment Regulation (EU) 2016/425
- Tested against standard EN ISO 13034:2005 + A1:2009 protective clothing against liquid chemicals (Type PB [6])
- Tested against standard EN 14325 protective clothing against chemicals
- Tested against permeation standard ASTM F739-12
- Processed in an NEBB certified ISO Class 4 environment
- Tested against standards: EN 530, Abrasion resistance; EN 6530, Resistance to penetration by liquids; EN 13934-1, Tensile strength; EN 9073-4, Trapezoidal tear resistance; EN 863, Puncture resistance; and EN 13935-2, Seam strength.
- Sterilized in accordance with ISO 11137-1:2006
- Tested against ISO 16604:2004 Determination of resistance of protective clothing materials to penetration by blood-borne pathogens — Test method using Phi-X 174 bacteriophage - PASS

## Sterilization

Method: Gamma irradiation  
 Minimum Dose: 25kGy  
 Sterility Assurance Level:  $10^{-6}$

## Shelf Life & Storage

Three (3) years from date of manufacture. Store in a dry, cool place (<40°C) away from direct sunlight and fluorescent light.

## Performance Test Results – BioClean-C CleanTough Blue Material

TEST	RESULT		PERFORMANCE CLASS (EN 14325)
Abrasion Resistance	10 to 100 cycles		1
Trapezoidal Tear Resistance	CD 32.3 N		2
Trapezoidal Tear Resistance	MD 50.6 N		3
Tensile Strength	MD 94 N		2
Tensile Strength	CD 47 N		1
Puncture Resistance	10 N		1
Repellence to Liquids	30% H <sub>2</sub> SO <sub>4</sub>	99.0%	3
	10% NaOH	98.4%	3
	O-Xylene	91.4%	1
	Butan-1-ol	93.9%	3
Penetration by Liquids	30% H <sub>2</sub> SO <sub>4</sub>	0%	3
	10% NaOH	0%	3
	O-Xylene	0%	3
	Butan-1-ol	0%	3
Seam Strength <sup>1</sup>	74 N		2

<sup>1</sup>Seam not destroyed

## Particle Shedding Test Results

TEST	RESULT	CATEGORY (IEST-RP-CC003.3)
Particle Shedding (Helmke Drum Test)	<1700	Category I

## BioClean-C™ CleanTough Blue Material - ASTM F739-12 Test Method Results

Mean Breakthrough Time (MBT), Minutes

Breakthrough of the test chemical is deemed to have occurred when the permeation rate has reached 0.1 µg/cm<sup>2</sup>/min

CISPLATIN	CARMUSTINE	CYCLO-PHOSPHAMIDE	DOXORUBICIN HYDROCHLORIDE	5-FLUOROURACIL	METHOTREXATE	ETOPOSIDE	PACLITAXEL	THIOTEPA
>240	>240	>240	>240	>240	>240	<6	>240	55 (46,88,31)

Results achieved under controlled laboratory conditions, by accredited external testing laboratory.

### TO ORDER

Re-Order	Chest	Height	Size
S-BCAS-S	84-92cm (33"-36")	164-170cm (5'4"-5'6")	Small
S-BCAS-M	92-100cm (36"-39")	170-176cm (5'6"-5'9")	Medium
S-BCAS-L	100-108cm (39"-42")	176-182cm (5'9"-6'0")	Large
S-BCAS-XL	108-116cm (42"-45")	182-188cm (6'0"-6'2")	X-Large

### Packing

One piece per sealed inner PE bag; one inner bag per sealed outer PE bag; 40 outer bags per lined carton (40 pieces).

For additional information visit us at [www.bioclean.com](http://www.bioclean.com), or contact us at;

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S-BCAS/1912/PDS37

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\*\*Please see product validation pack or contact Ansell customer service for specific data on use of garments with cytotoxic drugs. Garments used for protection against such drugs must be selected specifically for the type of chemicals used.

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