

## About

Providing protection against a range of chemotherapy drugs\*\*, the BioClean-C Sterile Chemotherapy Protective Apron is manufactured from lightweight low-linting CleanTough material, and features tie tapes at the rear and an adjustable neck fastening for easy donning and comfort.

## Specifications

**MATERIAL:**

BioClean-C CleanTough blue material

**COLOUR:**

Blue

**CONSTRUCTION:**

Adjustable neck, tie fastening at waist

**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
- Tie tapes at rear
- Adjustable neck fastening
- Lightweight low-linting CleanTough material
- Silicone-free



**LIGHTWEIGHT & LOW-LINTING**

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

**FASTENED AT REAR**

EN 13034:2005  
+ A1:2009



TYPE PB[6]



Dr Isolator© represents BioClean's GMP compatible Chemo Safety Wear

## 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

## 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	MD 50.6 N		3
Trapezoidal Tear Resistance	CD 32.3 N		2
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  $0.1 \mu\text{g}/\text{cm}^2/\text{min}$

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-BCDA-S	84-92cm (33"-36")	164-170cm (5'4"-5'6")	Small
S-BCDA-M	92-100cm (36"-39")	170-176cm (5'6"-5'9")	Medium
S-BCDA-L	100-108cm (39"-42")	176-182cm (5'9"-6'0")	Large

### Packing

One piece per sealed inner PE bag; one inner bag per sealed outer PE bag; 50 outer bags per lined carton (50 pieces)

For additional information visit us at [www.bioclean.com](http://www.bioclean.com), or call us at +44 1638 663338

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