

BIOCLEAN-C™

CHEMOTHERAPY

Protective Apron with Sleeves

BCAS

About

The BioClean-C™ Chemotherapy Protective Apron with Sleeves provides maximum protection against a range of cytotoxic drugs. Manufactured from lightweight, low-linting and hard wearing CleanTough™ material, the apron features an adjustable neck fastening, tie tapes at the rear, ultrasonically bonded sleeve seams with protective tape and 100% polyester elasticated cuffs.

Specifications

MATERIAL:

CleanTough™ material

COLOUR:

Blue

CONSTRUCTION:

100% polyester elasticated cuffs, ultrasonically bonded sleeve seams with protective tape

CLASSIFICATION:

PPE Cat 3 Type PB [6]

CHARACTERISTICS:

Low particulating

COMPATIBILITY:

ISO Class 4

Features

- Tested against ASTM D6978-05 using a minimum of nine cytotoxic drugs
- Ultrasonically bonded seams with protective tape
- Tie tapes at rear
- Adjustable neck fastening
- Processed to ensure ISO Class 4 compatibility
- 100% polyester elasticated cuffs
- Lightweight, low-linting & hard wearing CleanTough™ material

LIGHTWEIGHT & LOW-LINTING

**TESTED AGAINST
ASTM D6978-05**

**100% POLYESTER
ELASTICATED CUFFS**

**ADJUSTABLE NECK
FASTENING**

**ULTRASONICALLY
BONDED SEAMS**



Quality Standards

- Manufactured in a facility holding ISO 9001:2008 and 89/686/EEC Article 11b certifications
- Conforms to Category 3 - Complex Design Personal Protective Equipment PPE Directive 89/686/EEC
- Tested against standard EN ISO13034 protective clothing against liquid chemicals (Type PB[6])
- Tested against standard EN 14325 protective clothing against chemicals
- Tested against permeation standard ASTM D6978-05 for cytotoxic drugs
- Processed in an NEBB certified ISO Class 4 environment

Shelf Life & Storage

Five (5) years from date of manufacture.
Store in a dry, cool place (<40°C) away from direct sunlight and fluorescent light.

Performance Test Results

TEST	RESULT		PERFORMANCE CLASS (EN 14325)
Abrasion Resistance	10 to 100 cycles		1
Flex Cracking Resistance	5,000 to 15,000 cycles		3
Trapezoidal Tear Resistance	CD 42.5 N		3
Trapezoidal Tear Resistance	MD 58.4 N		3
Tensile Strength	MD 68 N		2
Tensile Strength	CD 43 N		1
Puncture Resistance	9 N		1
Repellence to Liquids	0% H ₂ SO ₄	99.0%	3
	10% NaOH	98.4%	3
	O-Xylene	91.4%	2
	Butan-1-ol	93.9%	2
Penetration by Liquids	30% H ₂ SO ₄	0%	3
	10% NaOH	0%	3
	O-Xylene	0%	3
	Butan-1-ol	0%	3
Seam Strength ¹	90 N		3

¹Seam not destroyed

Particle Shedding Test Results

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

Physical Properties

PRODUCT CODE	SIZE	CHEST SIZE	HEIGHT
BCAS-S	Small	84-92cm (33"-36")	164-170cm (5'4"-5'6")
BCAS-M	Medium	92-100cm (36"-39")	170-176cm (5'6"-5'9")
BCAS-L	Large	100-108cm (39"-42")	176-182cm (5'9"-6'0")
BCAS-XL	X-Large	108-116cm (42"-45")	182-188cm (6'0"-6'2")

CleanTough™ Material - ASTM D6978-05 Test Results

Breakthrough detection time (minutes)

Breakthrough of the test chemical is deemed to have occurred when the permeation rate has reached $0.01 \mu\text{g}/\text{cm}^2/\text{min}$

CISPLATIN	CARMUSTINE	CYCLO-PHOSPHAMIDE	DOXO-RUBICIN HYDRO-CHLORIDE	5-FLUORO-URACIL	METHO-TREXATE	ETOPOSIDE	PACLITAXEL	THIOTEPA
>480	>480	>480	>480	>480	>480	>480	>480	>480

TO ORDER

Re-Order	Chest	Height	Size
BCAS-S	84-92cm (33"-36")	164-170cm (5'4"-5'6")	Small
BCAS-M	92-100cm (36"-39")	170-176cm (5'6"-5'9")	Medium
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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).

CONTACT

Europe (Headquarters)

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CB8 7YY,
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T: +44 (0) 1638 663338
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Other Regions

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Americas: americas@bioclean.com



BioClean™ is a brand of Nitritex Ltd.

For more information, please visit www.bioclean.com

BCAS/1611/PDS29

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S-BCAS

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CLASSIFICATION:

PPE Cat 3 Type PB [6]

CHARACTERISTICS:

Low particulating

COMPATIBILITY:

ISO Class 4 & EU GMP Grade A

STERILIZATION:

Gamma irradiation

Features

- Tested against ASTM D6978-05 using a minimum of nine cytotoxic drugs
- Ultrasonically bonded seams with protective tape
- Tie tapes at rear
- Adjustable neck fastening
- 100% polyester elasticated cuffs
- Lightweight, low-linting & hard wearing CleanTough™ material

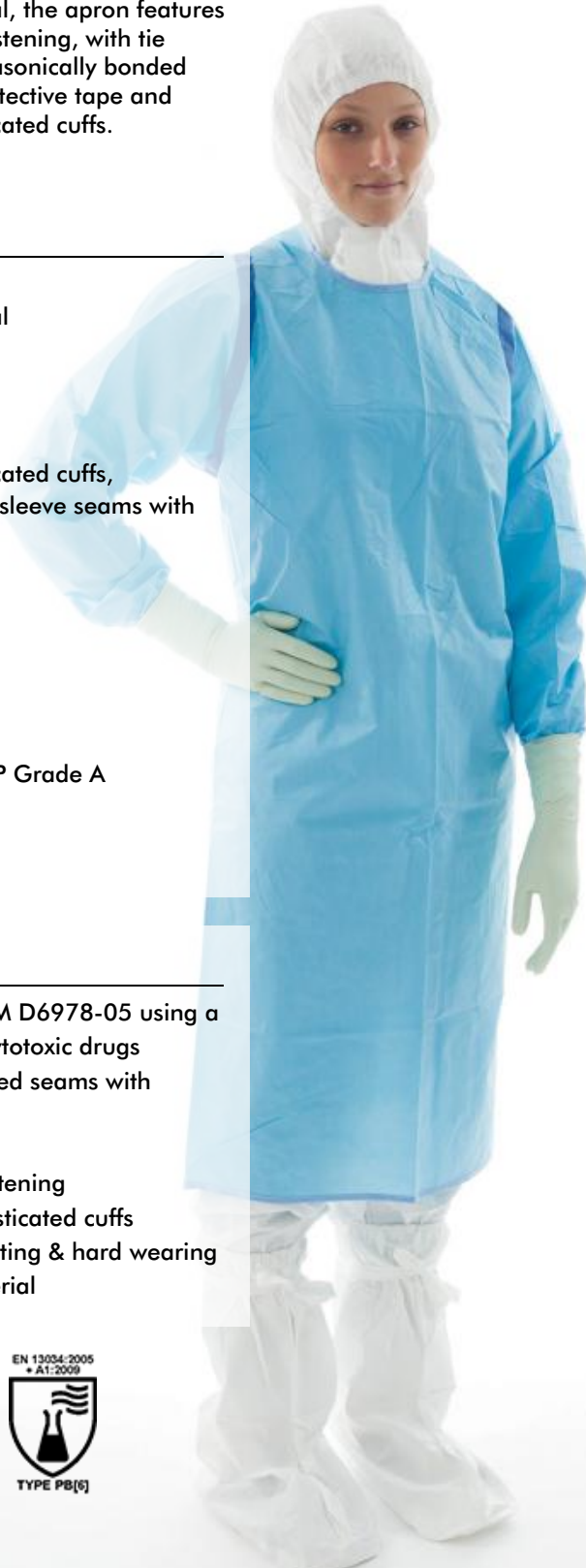
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- Tested against permeation standard ASTM D6978-05 for cytotoxic drugs
- Processed in an NEBB certified ISO Class 4 environment
- Sterilized in accordance with ISO 11137-1:2006

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

TEST	RESULT		PERFORMANCE CLASS (EN 14325)
Abrasion Resistance	10 to 100 cycles		1
Flex Cracking Resistance	5,000 to 15,000 cycles		3
Trapezoidal Tear Resistance	MD 58.4 N		3
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For more information, please visit www.bioclean.com

S-BCAS/1611/PDS21