

BioClean-C Sterile Chemotherapy Protective Apron with Sleeves

BIOCLEAN-C™
CHEMOTHERAPY
 Protective Apron with Sleeves
S-BCAS

About

The BioClean-C™ sterile 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, with 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 & 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



TYPE PB[6]



LIGHTWEIGHT & LOW-LINTING

**TESTED AGAINST
 ASTM D6978-05**

**100% POLYESTER
 ELASTICATED CUFFS**

**ADJUSTABLE NECK
 FASTENING**

**ULTRASONICALLY
 BONDED SEAMS**



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



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CARTER - HEALTH™

Healthcare Solutions and Services

We Keep It Clean

Carter-Health Disposables, LLC

Phone: (407) 296.6689

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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 ISO 13034 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
- 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	CD 42.5 N		3
Trapezoidal Tear Resistance	MD 58.4 N		3
Tensile Strength	CD 43 N		1
Tensile Strength	MD 68 N		2
Puncture Resistance	9 N		1
Repellence to Liquids	30% 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

Product Numbers

S-BCAS-S	Small	40 pcs/cs
S-BCAS-M	Medium	40 pcs/cs
S-BCAS-L	Large	40 pcs/cs
S-BCAS-XL	X-Large	40 pcs/cs



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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 µg/cm²/min

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



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