



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



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



Sterilization

Method: Gamma irradiation
Minimum Dose: 25kGy
Sterility Assurance Level: 10
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.

Sterilized in accordance with ISO 11137-1:2006

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 50.8 N		3
Trapezoidal Tear Resistance	CD 29.5 N		2
Tensile Strength	MD 79.3 N		2
Tensile Strength	CD 59.4 N		1
Puncture Resistance	5.9 N		2
Repellence to Liquids	30% H ₂ SO ₄	96.9%	3
	10% NaOH	98.0%	3
	O-Xylene	94.6%	2
	Butan-1-ol	95.4%	3
Penetration by Liquids	30% H ₂ SO ₄	0%	3
	10% NaOH	0%	3
	O-Xylene	0%	3
	Butan-1-ol	0%	3
Resistance to Ignition	Pass		N/A
Seam Strength ¹	103.2 N		3
Surface Resistivity	1.1 x 10 ¹⁰ Ω		N/A

¹Seam not destroyed

Physical Properties

PRODUCT CODE	SIZE	CHEST SIZE	HEIGHT
S-BCDA-S	S	84-92cm (33"-36")	164-170cm (5'4"-5'6")
S-BCDA-M	M	92-100cm (36"-39")	170-176cm (5'6"-5'9")
S-BCDA-L	L	100-108cm (39"-42")	176-182cm (5'9"-6'0")

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

TO ORDER

Re-Order	Chest	Height	Size
S-BCDA-S	84-92cm (33"-36")	164-170cm (5'4"-5'6")	S
S-BCDA-M	92-100cm (36"-39")	170-176cm (5'6"-5'9")	M
S-BCDA-L	100-108cm (39"-42")	176-182cm (5'9"-6'0")	L

Packing

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

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BioClean™ is a brand of Niritex Ltd.

For more information, please visit www.bioclean.com

S-BCDA/1605/PDS17



BIOCLEAN™

CHEMOTHERAPY
Sterile Protective Apron
S-BCDA

About

Providing maximum protection against chemotherapy drugs, the BioClean-C™ Sterile Chemotherapy Protective Apron is manufactured from lightweight, low-linting and hard wearing CleanTough™ material, featuring tie tapes at the rear and an adjustable neck fastening.

Specifications

MATERIAL:

CleanTough™ material

COLOUR:

Blue

CONSTRUCTION:

Ultrasonically bonded seams

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

Processed to ensure ISO Class 4 compatibility

Lightweight, low-linting & hard wearing CleanTough™ material

LIGHTWEIGHT & LOW-
LINTING
TESTED AGAINST ASTM
D6978-05
ADJUSTABLE NECK
FASTENING
ULTRASONICALLY BONDED
SEAMS



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