

# BIOCLEAN-D™ COVERALL with Collar BDCCT

## About

The BioClean-D™ Coverall with Collar is a disposable garment featuring a front zip with protective flap, elasticated back, cuffs and ankles and thumb loops to ensure a secure hold. The BioClean-D Coverall provides exceptional comfort and protection, even when handling cytotoxic drugs.

## Specifications

### MATERIAL:

Antistatic CleanTough™ material

### COLOUR:

White

### CONSTRUCTION:

Bound seams with single needle stitching

### CLASSIFICATION:

PPE Cat 3 Type 5 & 6

### CHARACTERISTICS:

Antistatic to EN 1149-1 & low particulating

### COMPATIBILITY:

ISO Class 4

## Features

- Low-linting & durable CleanTough™ material
- Thumb loops to ensure a secure hold
- Zip with sealable cover
- Elasticated back, cuffs and ankles
- Tested against permeation standard ASTM D6978-05



EXCEPTIONAL  
COMFORT &  
PROTECTION

PPE CAT 3 TYPE 5 & 6

ANTISTATIC

LOW-LINTING &  
DURABLE



## 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 13982-1 protective clothing for use against solid particles (Type 5)
- Tested against standard EN ISO 13034 protective clothing against liquid chemicals (Type 6)
- Tested against standard EN ISO 14325 protective clothing against chemicals
- Tested against standard EN 1149-1 protective clothing - electrostatic properties
- 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 29.5 N		2
Trapezoidal Tear Resistance	MD 50.8 N		3
Tensile Strength	CD 59.4 N		1
Tensile Strength	MD 79.3 N		2
Puncture Resistance	5.9 N		2
Repellence to Liquids	30% H <sup>2</sup> SO <sup>4</sup>	96.9%	3
	10% NaOH	98.0%	3
	O-Xylene	94.6%	2
	Butan-1-ol	95.4%	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
Inward leakage of aerosols of fine particles <sup>1</sup>	Pass		N/A
Resistance to penetration by spray (Spray Test) <sup>1</sup>	Pass		N/A
Resistance to Ignition	Pass		N/A
Seam Strength <sup>2</sup>	103.2 N		3
Surface Resistivity	1.1 x 10 <sup>10</sup> Ω		N/A

<sup>1</sup>All interfaces with additional PPE were taped during testing, as required by the standards.

<sup>2</sup>Seam not destroyed.

## Particle Shedding Test Results

TEST	RESULT	CATEGORY (IEST-RP-CC003.3)
Particle Shedding (Helmke Drum Test)	<2000	Category I

## 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/cm<sup>2</sup>/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
BDCCT-S	84-92cm (33"-36")	164-170cm (5'4"-5'6")	S
BDCCT-M	92-100cm (36"-39")	170-176cm (5'6"-5'9")	M
BDCCT-L	100-108cm (39"-42")	176-182cm (5'9"-6'0")	L
BDCCT-XL	108-116cm (42"-45")	182-188cm (6'0"-6'2")	XL
BDCCT-XXL	116-124cm (45"-48")	188-194cm (6'2"-6'4")	XXL
BDCCT-XXXL	124-132cm (48"-51")	194-200cm (6'4"-6'6")	XXXL*
BDCCT-XXXXL	132-140cm (51"-54")	200-206cm (6'6"-6'8")	XXXXL*

## Packing

One piece per sealed inner PE bag; one inner bag per sealed outer PE bag; 20 outer bags per lined carton (20 pieces).

Please note: Size XXXL & XXXXL 15 pieces per carton

\*Size subject to Minimum Order Quantity and lead time.

## CONTACT

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BioClean™ is a brand of Nitritex Ltd.

For more information, please visit [www.bioclean.com](http://www.bioclean.com)

BDCCT/1610/PDS13

# BIOCLEAN-D™

## STERILE COVERALL

with Collar

# S-BDCCT

### About

The BioClean-D™ Coverall with Collar is a single use disposable garment featuring a front zip with protective flap, elasticated back, cuffs and ankles and thumb loops to ensure a secure hold. The BioClean-D Coverall provides exceptional comfort and protection, even when handling cytotoxic drugs.

### Specifications

**MATERIAL:**

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**COLOUR:**

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**CONSTRUCTION:**

Bound seams with single needle stitching

**CLASSIFICATION:**

PPE Cat 3 Type 5 & 6

**CHARACTERISTICS:**

Antistatic to EN 1149-1 & low particulating

**COMPATIBILITY:**

ISO Class 4 & EU GMP Grade A

**STERILIZATION:**

Gamma irradiation

### Features

- Low-linting & durable CleanTough™ material
- Thumb loops to ensure a secure hold
- Zip with sealable cover
- Elasticated back, cuffs and ankles
- Tested against permeation standard ASTM D6978-05



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- Tested against permeation standard ASTM D6978-05 for cytotoxic drugs
- Tested against standard EN 1149-1 protective clothing - electrostatic properties
- 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 50.8 N		3
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