

# BIOCLEAN-D COVERALL with Hood BDCHT

## About

The BioClean-D Coverall with Hood is a disposable garment featuring a front zip with protective flap, elasticated hood, back, cuffs and ankles, and thumb loops to ensure a secure hold. The antistatic lightweight low-linting CleanTough material provides comfort and protection from a range of chemicals.

## Specifications

### MATERIAL:

Antistatic BioClean-D CleanTough white material

### COLOUR:

White

### CONSTRUCTION:

Bound seams with single needle stitching

### CLASSIFICATION:

PPE Cat 3 Type 5 & 6

### CHARACTERISTICS:

Antistatic to EN 1149-5\* & low particulating

### COMPATIBILITY:

ISO Class 4

## Features

- Antistatic lightweight low-linting CleanTough material
- Thumb loops to ensure a secure hold
- Zip with sealable cover
- Elasticated hood, back, cuffs and ankles



PPE CAT 3 TYPE 5 & 6

EXCELLENT ESD  
PROPERTIES

LIGHTWEIGHT & LOW-  
LINTING



## 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 standards: EN 1149-5\*, protective clothing - electrostatic properties; EN 530, Abrasion resistance; EN 7854, Flex cracking 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.
- Tested against permeation standard ASTM F739-12
- 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 – BioClean-D CleanTough White Material

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 29.3 N		2
Trapezoidal Tear Resistance	MD 55.5 N		3
Tensile Strength	MD 97 N		2
Tensile Strength	CD 48 N		1
Puncture Resistance	8 N		1
Repellence to Liquids	30% H <sub>2</sub> SO <sub>4</sub>	96.3%	3
	10% NaOH	97.6%	3
	O-Xylene	95.7%	3
	Butan-1-ol	96.6%	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
Seam Strength <sup>2</sup>	70 N		2
Electrostatic Charge Half Decay Time, t <sub>50</sub> (secs)	0.07		PASS

<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

## BioClean-D™ CleanTough White 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 µg/cm<sup>2</sup>/min

CISPLATIN	CARMUSTINE	CYCLO- PHOSPHA- MIDE	DOXO- RUBICIN HYDRO- CHLORIDE	5- FLURO- URACIL	METHO- TREXATE	ETOPOSIDE	PACLITAXEL	THIOTEPA
>240	<6	217 (275,162,215)	>240	>240	>240	>240	<10	30 (28,30,33)

Results achieved under controlled laboratory conditions, by accredited external testing laboratory.

## TO ORDER

Re-Order	Chest	Height	Size
BDCHT-XS	76-84cm (30"-33")	158-164cm (5'2"-5'4")	XS
BDCHT-S	84-92cm (33"-36")	164-170cm (5'4"-5'6")	S
BDCHT-M	92-100cm (36"-39")	170-176cm (5'6"-5'9")	M
BDCHT-L	100-108cm (39"-42")	176-182cm (5'9"-6'0")	L
BDCHT-XL	108-116cm (42"-45")	182-188cm (6'0"-6'2")	XL
BDCHT-XXL	116-124cm (45"-48")	188-194cm (6'2"-6'4")	XXL
BDCHT-XXXL	124-132cm (48"-51")	194-200cm (6'4"-6'6")	XXXL
BDCHT-XXXXL	132-140cm (51"-54")	200-206cm (6'6"-6'8")	XXXXL
BDCHT-5XL	140-148cm (54"-57")	206-212cm (6'8"-6'10")	5XL
BDCHT-6XL	148-156cm (58"-61")	212-218cm (6'10"-6'12")	6XL
BDCHT-7XL	156-164cm (61"-64")	218-224cm (7'1"-7'3")	7XL

## 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, 5XL, 6XL & 7XL 15 pieces per carton. Size XXXXL, 5XL, 6XL & 7XL - subject to minimum order quantity and lead time.

\*NOTE: BioClean CleanTough material is static dissipative and, with a charge half decay time of 0.07 sec, and so are ideal for use in a static-safe environment

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

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\*\*Please see product validation pack or contact Ansell customer service for specific data on use of garments with cytotoxic drugs. Garments used for protection against such drugs must be selected

specifically for the type of chemicals used.

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