

## About

The single use BioClean-D Disposable Overboots are constructed from antistatic low-linting CleanTough material, and feature a slip-resistant sole and tie fastenings for quick and easy donning.

## Specifications

### MATERIAL:

Antistatic BioClean-D CleanTough white material & polyurethane sole

### COLOUR:

White

### CONSTRUCTION:

Bound seams with single needle stitching

### CLASSIFICATION:

PPE Cat 3 Type PB [6]

### CHARACTERISTICS:

Antistatic to EN 1149-5\* & low particulating

### COMPATIBILITY:

ISO Class 4

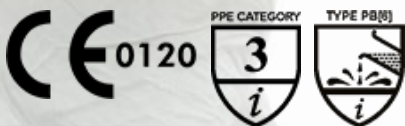
EXCELLENT ESD  
PROPERTIES

PPE CAT 3 TYPE PB [6]

LIGHTWEIGHT & LOW-  
LINTING

## Features

- Lightweight & low-linting CleanTough material
- Elasticated opening for a firm fit
- Easy tie fastenings for a secure hold on leg
- Slip-resistant sole



## 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 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	MD 55.5 N		3
Trapezoidal Tear Resistance	CD 29.3 N		2
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
Seam Strength <sup>1</sup>	70 N		2
Electrostatic Charge Half Decay Time, $t_{50}$ (secs)	0.07		PASS

<sup>1</sup>Seam not destroyed

## Particle Shedding Test Results

TEST	RESULT	CATEGORY (IEST-RP-CC003.3)
Particle Shedding (Helmke Drum Test)	<260	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

<b>Re-Order</b>	<b>Chest</b>	<b>Height</b>	<b>Size</b>
BDOB	N/A	N/A	Universal

### Packing

30 pieces per sealed inner PE bag; one inner bag per sealed outer PE bag; five outer bags per lined carton (150 pieces)

\*NOTE: BioClean CleanTough material is static dissipative and, with a charge half decay time of 0.07 sec, BDOB are ideal for use in a static-safe environment. However the BDOB should not be relied upon to earth the wearer.

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

### Nitritex Ltd

Minton Enterprise Park  
Oaks Drive  
Newmarket, Suffolk  
CB8 7YY  
United Kingdom

BDOB/0/PDS44



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