

BIOCLEAN-D™ OVERBOOTS BDOB

About

Offering exceptional comfort and protection, the single use BioClean-D™ Overboots are constructed from antistatic low-linting CleanTough™ material, and feature a slip-resistant sole and easy tie fastenings.

Specifications

MATERIAL:

Antistatic CleanTough™ material & slip-resistant SafeStep™ sole

COLOUR:

White

CONSTRUCTION:

Bound seams with single needle stitching

CLASSIFICATION:

PPE Cat 3 Type PB [6]

CHARACTERISTICS:

Antistatic to EN 1149-1* & low particulating

COMPATIBILITY:

ISO Class 4

Features

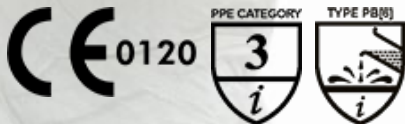
- Low-linting
- Durable CleanTough™ material
- Slip-resistant sole
- Tested against permeation standard ASTM D6978-05

EXCEPTIONAL
COMFORT &
PROTECTION

PPE CAT 3 TYPE PB[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 13034 protective clothing against liquid chemicals (Type PB[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	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

Particle Shedding Test Results

TEST	RESULT	CATEGORY (IEST-RP-CC003.3)
Particle Shedding (Helmke Drum Test)	<260	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/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 BDOB	Chest N/A	Height N/A	Size Universal
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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 surface resistance of 10⁸ Ω, BDOB are ideal for use in a static-safe environment. However BDOB should not be relied upon to earth the wearer.

CONTACT

Europe (Headquarters)

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BioClean™ is a brand of Nitritex Ltd.

For more information, please visit www.bioclean.com

BDOB/1608/PDS26

BIOCLEAN-D™ OVERBOOTS

Sterile
S-BDOB

About

Offering exceptional comfort and protection, the single use BioClean-D™ Sterile Disposable Overboots are constructed from antistatic low-linting CleanTough™ material, and feature a slip-resistant sole and easy tie fastenings.

Specifications

MATERIAL:

Antistatic CleanTough™ material & slip-resistant SafeStep™ sole

COLOUR:

White

CONSTRUCTION:

Bound seams with single needle stitching

CLASSIFICATION:

PPE Cat 3 Type PB [6]

CHARACTERISTICS:

Antistatic to EN1149-1* & low particulating

COMPATIBILITY:

ISO Class 4 & EU GMP Grade A

STERILIZATION:

Gamma irradiation

Features

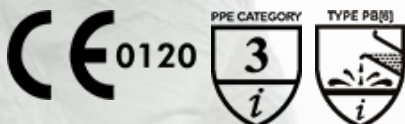
- Low-linting
- Durable CleanTough™ material
- Slip-resistant sole
- Tested against permeation standard ASTM D6978-05

EXCEPTIONAL
COMFORT &
PROTECTION

PPE CAT 3 TYPE PB [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 13034 protective clothing against liquid chemicals (Type PB[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
- 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	CD 29.5 N		2
Trapezoidal Tear Resistance	MD 50.8 N		3
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 ¹¹	103.2 N		3
Surface Resistivity	1.1 x 10 ¹⁰ Ω		N/A

¹¹Seam not destroyed

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.

Particle Shedding Test Results

TEST	RESULT	CATEGORY (IEST-RP-CC003.3)
Particle Shedding (Helmke Drum Test)	<260	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/cm²/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 S-BDOB	Chest N/A	Height N/A	Size Universal
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Packing

One pair per sealed inner PE bag; 15 inner bags per sealed outer PE bag; five outer bags per lined carton (75 pairs)

*NOTE: BioClean CleanTough material is static dissipative and, with a surface resistance of 10⁸ Ω, S-BDOB are ideal for use in a static-safe environment. However S-BDOB should not be relied upon to earth the wearer.

CONTACT

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For more information, please visit www.bioclean.com

S-BDOB/1604/PDS15