

BIOCLEAN-D OVERBOOTS

Sterile Disposable S-BDOB

About

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

Specifications

MATERIAL:

Anti-static BioClean-D CleanTough white material & polyurethane sole

COLOUR:

White

CONSTRUCTION:

Bound seams with single needle stitching

CLASSIFICATION:

PPE Cat 3 Type PB [6]

CHARACTERISTICS:

Anti-static to EN1149-5* & low particulating

COMPATIBILITY:

ISO Class 4 & EU GMP Grade A

STERILIZATION:

Gamma irradiation

EXCELLENT ESD
PROPERTIES

PPE CAT 3 TYPE PB [6]

LIGHTWEIGHT & LOW-
LINTING

SILICONE-FREE

Features

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

EN 13034:2005 + A1:2009 EN 1149-5: 2008



TYPE PB[6]



Quality Standards

- Manufactured in a facility holding ISO 9001:2015 and (EU)2016/425 Module D certifications
- Conforms to Category 3 - Personal Protective Equipment PPE Regulation (EU)2016/425
- Tested against standard EN ISO 13034:2005+A1:2009 protective clothing against liquid chemicals (Type PB[6])
- Tested against standard EN ISO 14325 protective clothing against chemicals
- Tested against standards: EN 1149-5:2008*, 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
- 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 – 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	CD 48 N		1
Tensile Strength	MD 97 N		2
Puncture Resistance	8 N		1
Repellence to Liquids	30% H ₂ SO ₄	96.3%	3
	10% NaOH	97.6%	3
	O-Xylene	95.7%	2
	Butan-1-ol	96.6%	3
Penetration by Liquids	30% H ₂ SO ₄	0%	3
	10% NaOH	0%	3
	O-Xylene	0%	3
	Butan-1-ol	0%	3
Seam Strength ¹¹	70 N		2
Electrostatic Charge Half Decay Time, t_{50} (secs)	0.07		PASS

¹¹Seam 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/cm²/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
S-BDOB	N/A	N/A	Universal

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 charge half decay time of 0.07 sec, S-BDOB are ideal for use in a static-safe environment. However the S-BDOB should not be relied upon to earth the wearer.

For additional information visit us at www.bioclean.com, or call us at +44 1638 663338

Nitritex Ltd

Minton Enterprise Park,
Oaks Drive
Newmarket, Suffolk, CB8 7YY
United Kingdom
Tel: +44 1638 663338

Ansell US

111 Wood Avenue South
Suite 210
Iselin, NJ 08830
USA
Tel: +1 800 800 0444

Nitritex (M) Sdn Bhd

No.2, Jalan Jurunilai U1/20, Seksyen U1
Hicom Glenmarie Industrial Park
40150 Shah Alam, Selangor
Malaysia
Tel: +603 5569 3857/3859



S-BDOB/1906/PDS30

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