

BIOCLEAN-D STERILE COVERALL with Collar S-BDCCT

About

The BioClean-D Coverall with collar features a front zip with protective flap, elasticated 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 & EU GMP Grade A

STERILIZATION:

Gamma irradiation

Features

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

PPE CAT 3 TYPE 5 & 6

EXCELLENT ESD
PROPERTIES

LIGHTWEIGHT & LOW-
LINTING



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 13982-1:2004+A1:2010 protective clothing for use against solid particles (Type 5)
- Tested against standard EN ISO 13034:2005+A1:2009 protective clothing against liquid chemicals (Type 6)
- Tested against standard EN ISO 14325 protective clothing against chemicals
- Tested against permeation standard ASTM F739-12
- 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.
- 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	MD 97 N		2
Tensile Strength	CD 48 N		1
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
Inward leakage of aerosols of fine particles ¹	Pass		N/A
Resistance to penetration by spray (Spray Test) ¹	Pass		N/A
Seam Strength ²	70 N		2
Electrostatic Charge Half Decay Time, t ₅₀ (secs)	0.07		PASS

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

²Seam 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/cm²/min

CISPLATIN	CARMUSTINE	CYCLO- PHOSPHA- MIDE	DOXO- RUBICIN HYDRO- CHLORIDE	5- FLUORO- 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-BDCCT-S	84-92cm (33"-36")	164-170cm (5'4"-5'6")	S
S-BDCCT-M	92-100cm (36"-39")	170-176cm (5'6"-5'9")	M
S-BDCCT-L	100-108cm (39"-42")	176-182cm (5'9"-6'0")	L
S-BDCCT-XL	108-116cm (42"-45")	182-188cm (6'0"-6'2")	XL
S-BDCCT-XXL	116-124cm (45"-48")	188-194cm (6'2"-6'4")	XXL
S-BDCCT-XXXL	124-132cm (48"-51")	194-200cm (6'4"-6'6")	XXXL
S-BDCCT-XXXXL	132-140cm (51"-54")	200-206cm (6'6"-6'8")	XXXXL
S-BDCCT-5XL	140-148cm (54"-57")	206-212cm (6'8"-6'10")	5XL
S-BDCCT-6XL	148-156cm (58"-61")	212-218cm (6'10"-6'12")	6XL
S-BDCCT-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: sizes XXXL, XXXXL, 5XL, 6XL & 7XL 15 pieces per carton and 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