BioClean
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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 anti-static lightweight low-linting CleanTough material provides comfort and protection from a range of chemicals.

Specifications

MATERIAL:
Anti-static BioClean-D CleanTough white material

COLOUR:
White

CONSTRUCTION:
Bound seams with single needle stitching

CLASSIFICATION:
PPE Cat 3 Type 5 & 6

CHARACTERISTICS:
Anti-static to EN 1149-5* & low particulating

COMPATIBILITY:
ISO Class 4

Specific Applications

- Medical Cell Centers to aid safe handling of culture plates
- Surgical Rooms to aid safe transporting specimens
- GTP level environments to aid safe handling of culture plates



PPE CAT 3 TYPE 5 & 6

EXCELLENT ESD PROPERTIES

LIGHTWEIGHT & LOW-LINTING

SILICONE-FREE

EN 13982-1:2004 + A1:2010
TYPE 5

EN 13034:2005 + A1:2009
TYPE 6

EN 1149-5: 2008

CE 0598

Ansell

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

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_2SO_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_2SO_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

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

[2]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 $\mu g/cm^2/min$

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
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, or call us at +44 1638 663338

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