

BioClean-D™ Coverall with Hood and Integrated Boots -Sterile S-BDFC

Sterile cleanroom coverall with hood and integrated boots, for chemical and liquid splash protection

- Reduced contamination risks:
 Lightweight CleanTough™ material means the BioClean-D Coverall with Hood and Integrated Boots Sterile S-BDFC is low-linting and ISO cleanroom-compliant, reducing contamination risks
- Optimized protection: This sterile coverall features a front zip with a protective flap, resisting liquid splashes and chemicals*, while thumb loops and an elasticated hood, back, cuffs and ankles ensure a secure fit
- Enhanced features: This antistatic coverall features integrated boots and slip-resistant soles, for added workplace safety in laboratory settings
- Sterility assurance level: Special packaging eliminates cross contamination, while gamma irradiation sterilization ensures a minimum SAL of 10-6

*Contact customer service for chemotherapy drug permeation times and recommendations.

times

Key Features and Benefits

- CleanTough[™] fabric: For a lightweight, low-linting sterile coverall
- Front zip and protective flap:
 Contaminant and liquid splash defenses
- Integrated boots and anti-slip soles: Head-to-toe personal protection

Industries

- Controlled and Critical Environments
- Production and Manufacturing
- Pharmaceutical Manufacturing
- Biotechnology Manufacturing
- Medical Device Manufacturing
- •WLWDW aAMSEICLREGMCh









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TECHNICAL DATA SHEET

PRODUCT INFORMATION

	eanTough™
	D 14001, Manufacturing QMS Audit Standards ISO 9001, PPE Regulation 2016 425 Module D, NEBB rtified Cleanrooms
Standards ISO	TM F739, CE 0598, EN 13934-1, EN 13935-2, EN 530, EN 6530, EN 7854, EN 863, EN 9073-4, EN 0 13688:2013, ISO 11137-1:2006, EN ISO 14325, Category III, EN ISO 13982-1:2004 + A1:2010, EN 0 134:2005 + A1:2009
	re piece aseptically folded per sealed inner PE bag; one inner bag per sealed outer PE bag; 20 ter bags per lined carton (20 pieces). Please note: sizes 3XL & 4XL 15 pieces per carton
Country Of Origin Chi	ina
Sterilization Method GA	MMA irradiation (25 kGy)
Sterilization Minimum Dose	kGy
Sterility Assurance Level	6
Cleanroom Class Cla	ass 10/ISO Class 4 & EU GMP Grade A/B and other sterile cleanrooms
Shelf Life Thr	ree (3) years from date of manufacture.
Construction Bou	und seams with single needle stitching
	OTE: BioClean CleanTough material is static dissipative and, with a charge half decay time of O7 sec, and so are ideal for use in a static-safe environment.

PARTICLE SHEDDING TEST RESULTS

TEST	RESULT	
Particle Shedding (Helmke Drum Test)	≥ 0.5Qm (counts/min) <2000	

ASTM F739-12 TEST METHOD RESULTS

DRUG	Mean Breakthrough Time (MBT), Minutes Breakthrough of the test chemical is deemed to have occurred when the permeation rate has reached 0.1 Qg/cm² /min
CISPLATIN	>240
CARMUSTINE	<6
CYCLOPHOSHAMIDE	217 (275,162,215)
DOXORUBICINHYDROCHLORIDE	>240
5-FLUOROURACIL	>240
METHOTREXATE	>240
ETOPOSIDE	>240
PACLITAXEL	<10
THIOTEPA	30 (28,30,33)

Results achieved under controlled laboratory conditions, by accredited external testing laboratory.

SIZE CHART

S-BDFC-S Chest: 84-92cm (33"-36") Height: 164-170cm (5'4"-5'6") Size: S S-BDFC-M Chest: 92-100cm (36"-39") Height 170-176cm (5'6"-5'9") Size: M S-BDFC-L Chest: 100-108cm (39"-42") Height: 176-182cm (5'9"-6'0") Size: L S-BDFC-XL Chest: 108-116cm (42"-45") Height: 182-188cm (6'0"-6'2")Size: XL S-BDFC-2XL Chest: 116-124cm (45"-48") Height: 188-194cm (6'2"-6'4") Size: 2XL S-BDFC-3XL Chest: 124-132cm (48"-51") Height: 194-200cm (6'4"-6'6") Size: 3XL S-BDFC-4XL Chest: 132-140cm (51"-54") Height: 200-206cm (6'6"-6'8") Size: 4XL





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MATERIAL PERFORMANCE TEST RESULTS

TEST	RESULT	PERFORMANCE CLASS
Abrasion Resistance	10 to 100 cycles	1
Flex Cracking Resistance	5,000 to 15,000 cycles	3
Puncture Resistance	8 N	1
Trapezoidal Tear Resistance Cross Direction (CD)	CD 29.3 N	2
Trapezoidal Tear Resistance Machine Direction (MD)	MD 55.5 N	3
Tensile Strength Cross Direction (CD)	CD 48 N	1
Tensile Strength Machine Direction (MD)	MD 97 N	2
Repellence to Liquids - 30% H ₂ SO ₄	96.3%	3
Repellence to Liquids - 10% NaOH	97.6%	3
Repellence to Liquids - O-Xylene	95.7%	2
Repellence to Liquids - Butan-1-ol	96.6%	3
Penetration by Liquids - 30% H ₂ SO ₄	0%	3
Penetration by Liquids - 10% NaOH	0%	3
Penetration by Liquids - O-Xylene	0%	3
Penetration by Liquids - 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.

ORDERING INFORMATION

	SIZE	S, M, L, XL	3XL, 4XL
S-BDFC	REORDER NO.	S-BDFC-S, S-BDFC-M, S- BDFC-L, S-BDFC-XL	S-BDFC-3XL, S-BDFC-4XL

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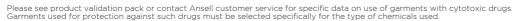






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^{2.} Seam not destroyed