BioClean-D™ Sterile Coverall with Collar S-BDCCT

Sterile, disposable coverall with collar for protection against chemicals

- **Specialized protection**: The BioClean-D Coverall with Collar S-BDCCT is made from Ansell's innovative CleanTough™ material, to deliver an antistatic coverall that is both lightweight and low-linting by design
- **Optimized fit:** This BioClean™ coverall features a collar, protective flap for splash protection and an elasticated back, cuffs, and ankles, with thumb loops to ensure a secure hold
- **Reduced contaminants risks:** This sterile coverall is manufactured in accordance with ISO cleanroom standards, for a clean, compliant disposable coverall

Key Features and Benefits

- **CleanTough™ fabric:** For an antistatic low-linting cleanroom coverall
- **Flexible thumb loops:** Improved, secure fit
- **Protective flap and zip with sealable cover:** Fewer contamination risks

Industries

- Controlled and Critical Environments
- Production and Manufacturing
- Pharmaceutical Manufacturing
- Biotechnology Manufacturing
- Medical Device Manufacturing

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TECHNICAL DATA SHEET

PRODUCT INFORMATION

Material	CleanTough™
Audit Standards	ISO 14001, Manufacturing QMS Audit Standards ISO 9001, PPE Regulation 2016 425 Module D, NEBB Certified Cleanrooms
Standards	EN ISO 13688:2013, EN ISO 13982-1:2004 + A1:2010, EN 13034:2005 + A1:2009, ISO 16602:2007 + A1:2012, EN ISO 13982-1:2004 + A1:2010, EN ISO 14325, EN 9073-4, EN 863, EN 13935-2, EN 7854, EN 13934-1, EN 6530, EN 1149-5:2008, Category III, CE 0598
Packaging Overview	One piece aseptically folded per sealed inner PE bag; one inner bag per sealed outer PE bag; 20 outer bags per lined carton (20 pieces). Please note: sizes 3XL, 4XL, 5XL, 6XL & 7XL 15 pieces per carton and subject to minimum order quantity and lead time
Country Of Origin	China
Cleanroom Class	Class 10/ISO Class 4 & EU GMP Grade A/B and other sterile cleanrooms
Shelf Life	Three (3) years from date of manufacture.
Construction	Bound seams with single needle stitching

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-BDCCT-S; Size: S, Chest: 84-92cm (33"-36"), Height: 164-170cm (5'4"-5'6")
S-BDCCT-M; Size: M, Chest: 92-100cm (36"-39"), Height 170-176cm (5'6"-5'9")
S-BDCCT-L; Size: L, Chest: 100-108cm (39"-42"), Height: 176-182cm (5'9"-6'0")
S-BDCCT-XL; Size: XL, Chest: 108-116cm (42"-45"), Height: 182-188cm (6'0"-6'2")
S-BDCCT-XXL; Size: 2XL, Chest: 116-124cm (45"-48"), Height: 188-194cm (6'2"-6'4")
S-BDCCT-XXXL; Size: 3XL, Chest: 124-132cm (48"-51"), Height: 194-200cm (6'4"-6'6")
S-BDCCT-XXXXL; Size: 4XL, Chest: 132-140cm (51"-54"), Height: 200-206cm (6'6"-6'8")
S-BDCCT-5XL; Size: 5XL, Chest: 140-148cm (54"-57"), Height: 206-212cm (6'8"-6'10")
S-BDCCT-6XL; Size: 6XL, Chest: 148-156cm (58"-61"), Height: 212-218cm (6'10"-6'12")
S-BDCCT-7XL; Size: 7XL, Chest: 156-164cm (61"-64"), Height: 218-224cm (7'1"-7'3")

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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_2SO_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_2SO_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.
2. Seam not destroyed

ORDERING INFORMATION

	SIZE	S, M, L, XL, 2XL	3XL, 4XL, 5XL, 6XL, 7XL
S-BDCCT	REORDER NO.	S-BDCCT-S, S-BDCCT-M, S-BDCCT-L, S-BDCCT-XL, S-BDCCT-2XL	S-BDCCT-3XL, S-BDCCT-4XL, S-BDCCT-5XL, S-BDCCT-6XL, S-BDCCT-7XL

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Performance Standards and Regulatory Compliance

TYPE 5 TYPE 6 EN 1149-5 CE 0598

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