



# 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)	≥ 0.5µm (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 µg/cm² /min
CISPLATIN	>240
CARMUSTINE	<6
CYCLOPHOSAMIDE	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 <sub>2</sub> SO <sub>4</sub>	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 <sub>2</sub> SO <sub>4</sub>	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 <sup>1</sup>	Pass	N/A
Resistance to penetration by spray (Spray Test) <sup>1</sup>	Pass	N/A
Seam Strength <sup>2</sup>	70 N	2
Electrostatic Charge Half Decay Time, t <sub>50</sub> (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

For additional information visit us at [www.ansell.com](http://www.ansell.com), or call us at

### Europe, Middle East & Africa Region

Ansell Healthcare Europe NV  
T: +32 (0) 2 528 74 00  
F: +32 (0) 2 528 74 01

### Asia Pacific Region

Ansell Global Trading Center  
T: +603 8310 6688  
F: +603 8310 6699

### North America Region

Ansell Healthcare Products LLC  
US T: +1 800 800 0444  
US F: +1 800 800 0445  
CA T: +1-800-363-8340

### Latin America & Caribbean Region

Ansell Commercial Mexico S.A. de C.V.  
T: +52 442 248 1544 / 248 3133

### Australia

Ansell Limited  
T: +61 1800 337 041  
F: +61 1800 803 578

### UK

Ansell Nitritex  
T: +44 1638 663338  
F: +44 1638 668890

## Performance Standards and Regulatory Compliance



TYPE 5



TYPE 6



EN 1149-5

CE 0598

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