



# 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





# BioClean-D™ Sterile Coverall with Collar S-BDCCT

## 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<br>Breakthrough of the test chemical is deemed to have occurred when the permeation rate has reached 0.1 Qg/cm <sup>2</sup> /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 |

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## Performance Standards and Regulatory Compliance



TYPE 5



TYPE 6



EN 1149-5

CE 0598

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