



# BioClean-D™ Coverall with Hood BDCHT

## Non-sterile antistatic coverall with hood, for protection from a range of chemicals

- **Reduced contamination risks:** The BioClean-D Coverall with Hood BDCHT disposable coverall features a hood and front zip with a sealable cover and a protective flap, reducing the risk of contaminant leakage through the seams
  - **Specialized protection:** This BioClean™ disposable coverall is manufactured using Ansell's innovative low-linting, lightweight and antistatic CleanTough™ fabric, protecting wearers against a range of chemicals\*
- \*Please contact Ansell Customer Service for specific chemotherapy drug permeation times and recommendations
- **Optimized fit:** This Ansell BioClean-D non-sterile coverall is also equipped with an elasticated hood, back, cuffs and ankles, as well as thumb loops to ensure a secure hold and enhanced fit



### Key Features and Benefits

- **Protective flap and zip with sealable cover:** Lower contamination risks
- **CleanTough™ fabric:** For lightweight, low-linting cleanroom safety
- **Elasticated with thumb loops:** For enhanced fit and a secure hold

### Industries

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





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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	ASTM F739, CE 0598, EN ISO 13688:2013, EN 1149-5:2008, EN 13934-1, EN 13935-2, EN 530, EN 6530, EN 7854, EN 863, EN 9073-4, EN ISO 14325, Category III, EN ISO 13982-1:2004 + A1:2010, EN 13034:2005 + A1:2009
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: Size 3XL and 4XL are 15 pieces per carton and subject to Minimum Order Quantity and lead time.
Country Of Origin	China
Cleanroom Class	Class 10/ISO 4
Shelf Life	Five (5) years from date of manufacture.
Construction	Bound seams with single needle stitching
Characteristics	*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.

### 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/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

Size: XS: Chest: 76-84cm (30"-33"), Height: 158-164cm (5'2"-5'4")  
Size: S: Chest: 84-92cm (33"-36"), Height: 164-170cm (5'4"-5'6")  
Size: M: Chest: 92-100cm (36"-39"), Height: 170-176cm (5'6"-5'9")  
Size: L: Chest: 100-108cm (39"-42"), Height: 176-182cm (5'9"-6'0")  
Size: XL: Chest: 108-116cm (42"-45"), Height: 182-188cm (6'0"-6'2")  
Size: 2XL: Chest: 116-124cm (45"-48"), Height: 188-194cm (6'2"-6'4")  
Size: 3XL: Chest: 124-132cm (48"-51"), Height: 194-200cm (6'4"-6'6")  
Size: 4XL: Chest: 132-140cm (51"-54"), Height: 200-206cm (6'6"-6'8")



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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	XS, S, M, L, XL, XXL	XXXL, XXXXL
BDCHT	REORDER NO.	BDCHT-XS, BDCHT-S, BDCHT-M, BDCHT-L, BDCHT- XL, BDCHT-XXL	BDCHT-XXXL, BDCHT- XXXXL

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



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Please see product validation pack or contact Ansell customer service for specific data on use of garments with cytotoxic drugs. Garments used for protection against such drugs must be selected specifically for the type of chemicals used.

