



# BioClean-D™ Lab Coat BDLC

## Non-sterile protective garment, specially designed for cleanroom environments

- **Elevated comfort:** The BioClean-D™ Lab Coat BDLC is a non-sterile protective garment made from lightweight, low-linting fabric, reducing contamination risk while offering comfortable, easy-to-wear personal protection
- **ESD properties:** Its material is antistatic-coated, minimizing the risk of electrostatic damage or interference
- **Genuine convenience:** This BioClean-D™ non-sterile antistatic garment features three deep pockets, press stud fastenings and open cuffs



### Key Features and Benefits

- **Lightweight low-linting material:** Lower contamination risks
- **Antistatic-coated:** Controlled electrostatic dissipation
- **Deep pockets and press stud fastenings:** Easy donning, added convenience

### Industries

- Laboratory and Research
- Veterinary Services
- Laboratory Maintenance & Clean-Up
- Laboratory Research and Development





# BioClean-D™ Lab Coat BDLC

## TECHNICAL DATA SHEET

### PRODUCT INFORMATION

<b>Material</b>	CleanTough™
<b>Audit Standards</b>	Manufacturing QMS Audit Standards ISO 9001, PPE Regulation 2016 425 Module D
<b>Standards</b>	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 13034:2005 + A1:2009
<b>Packaging Overview</b>	One piece per sealed inner PE bag; one inner bag per sealed outer PE bag; 30 outer bags per lined carton (30 pieces)
<b>Country Of Origin</b>	China
<b>Shelf Life</b>	Five (5) years from date of manufacture.
<b>Construction</b>	Bound seams with single needle stitching

### 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
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
Puncture Resistance	8 N	1
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	
Seam Strength <sup>2</sup>	70 N	2
Electrostatic Charge Half Decay Time, t <sub>50</sub> (secs)	0.07	PASS

1. Seam not destroyed
2. Seam not destroyed



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## 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
	N/A
CISPLATIN	N/A
CARMUSTINE	N/A
CYCLOPHOSAMIDE	N/A
DOXORUBICINHYDROCHLORIDE	N/A
5-FLUOROURACIL	N/A
METHOTREXATE	N/A
ETOPOSIDE	N/A
PACLITAXEL	N/A
THIOTEPA	N/A

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

## SIZE CHART

BDLC-S; Size: S, Chest: 84-92cm (33"-36"), Height: 164-170cm (5'4"-5'6")  
 BDLC-M; Size: M, Chest: 92-100cm (36"-39"), Height: 170-176cm (5'6"-5'9")  
 BDLC-L; Size: L, Chest: 100-108cm (39"-42"), Height: 176-182cm (5'9"-6'0")  
 BDLC-XL; Size: XL, Chest: 108-116cm (42"-45"), Height: 182-188cm (6'0"-6'2")  
 BDLC-XXL; Size: XXL, Chest: 116-124cm (45"-48"), Height: 188-194cm (6'2"-6'4")

## ORDERING INFORMATION

	SIZE	S, M, L, XL, XXL
BDLC	REORDER NO.	BDLC-S, BDLC-M, BDLC-L, BDLC-XL, BDLC-XXL

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

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## Performance Standards and Regulatory Compliance



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