



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

Material	CleanTough™
Audit Standards	Manufacturing QMS Audit Standards ISO 9001, PPE Regulation 2016 425 Module D
Standards	ASTM F739, Partial Body Protection Only, CE 0598, EN ISO 13688:2013, EN 1149-5:2008, EN 1149-5:2018, EN 13934-1, EN 13935-2, EN 530, EN 6530, EN 7854, EN 863, EN 9073-4, EN ISO 13688:2013+A1:2021, EN ISO 14325, Category III, EN 13034:2005 + A1:2009, EN 13034:2005 + A1:2009
Packaging Overview	One piece per sealed inner PE bag; one inner bag per sealed outer PE bag; 30 outer bags per lined carton (30 pieces)
Country Of Origin	China
Shelf Life	Five (5) 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
	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")



BioClean-D™ Lab Coat BDLC

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 ₂ SO 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 ₂ SO 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	
Seam Strength ²	70 N	2
Electrostatic Charge Half Decay Time, t ₅₀ (secs)	0.07	PASS

1. Seam not destroyed

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, 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



CE 0598



EN 1149-5



TYPE PB [6]



TYPE PB [6]

Ansell, ® and ™ are trademarks owned by Ansell Limited or one of its affiliates. US Patented and US and non-US Patents Pending: www.ansell.com/patentmarking © 2024 Ansell Limited. All Rights Reserved.

Neither this document nor any other statement made herein by or on behalf of Ansell should be construed as a warranty of merchantability or that any Ansell product is fit for a particular purpose. Ansell assumes no responsibility for the suitability or adequacy of an end user's selection of gloves for a specific application.

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.

