



BioClean-D Sterile Lab Coat S-BDLC

Lab Coat - Sterile

The BioClean-D sterile single use Lab Coat is manufactured from antistatic lightweight CleanTough material and features press stud fastenings, open cuffs, three pockets and a rear vent.

Please contact Ansell Customer Service for specific chemotherapy drug permeation times and recommendations.

- Lightweight CleanTough material
- Press stud fastening
- Open cuffs
- Three deep pockets



Industries

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





BioClean-D Sterile Lab Coat S-BDLC

TECHNICAL DATA SHEET

PRODUCT INFORMATION

	S-BDLC
Material	Polyethylene/non-woven polypropylene laminate
Color	White
Manufacturing/QMS Audit Standards	Manufacturing QMS Audit Standards ISO 9001 PPE Regulation 2016 425 Module D
Regulatory/Standards Compliance	ASTM F739, CE 0598, EN ISO 13688:2013, ISO 11137-1:2006, EN 1149-5:2008, EN 13934-1, EN 19935-2, EN 530, EN 6530, EN 7854, EN 863, EN 9073-4, Category III, EN ISO 13982-1:2004 + A1:2010, EN 13034:2005 + A1:2009
Storage and packaging	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	Malaysia
Available sizes	S-XXL
Sterilization Method	GAMMA irradiation (25 kGy)
Sterilization Minimum Dose	25kGy
Sterility Assurance Level	10 ⁻⁶
Cleanroom Class	Non-Critical Environment
Shelf Life	Three (3) 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.

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

- 1.
2. Seam not destroyed



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PARTICLE SHEDDING TEST RESULTS

TEST	RESULT
Particle Shedding (Helmke Drum Test)	

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

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

ORDERING INFORMATION

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

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.

