



BioClean-D™ Sleeve Covers - Sterile S-BDSC-L

Longer-length sterile disposable sleeve covers, for more comprehensive personal protection

- **Enhanced protection:** BioClean-D™ Sleeve Covers S-BDSC-L sterile sleeve covers are longer than standard Ansell alternatives (at an average length of 480mm), boosting protective coverage over the arms
- **ESD properties:** Their material is antistatic-coated, limiting the risk of electrostatic damage or interference
- **Reduced contamination risks:** These disposable sleeve covers are also made from low-linting lightweight CleanTough™ material, for enhanced comfort and fewer contamination risks
- **Optimized fit:** They also feature an elasticated opening, granting wearers a firmer, more secure fit
- **Secure fit:** An integrated thumb loop keeps the sleeve from rolling back and exposing the arm or wrist.



Key Features and Benefits

- ◊ **Longer length (480mm):** Enhanced coverage and protection
- ◊ **Antistatic coating:** Controlled electrostatic dissipation
- ◊ **Low-linting lightweight material:** Lower contamination risks

Industries

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





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TECHNICAL DATA SHEET

PRODUCT INFORMATION

Material	Polyethylene/ non-woven polypropylene laminate
Audit Standards	Manufacturing QMS Audit Standards ISO 9001, PPE Regulation 2016 425 Module D
Standards	ASTM F739, Partial Body Protection Only, CE 0598, EN 1149-5:2018, EN 13934-1, EN 13935-2, EN 6530, EN 7854, EN 863, EN 9073-4, EN ISO 13688:2013+A1:2021, EN ISO 14325, ISO 11137-1:2006, Category III, EN 13034:2005 + A1:2009, UKCA
Packaging Overview	<ul style="list-style-type: none"> One pair per sealed inner PE bag; 15 inner bags per sealed outer PE bag; six outer bags per lined carton (90 pairs)
Storage	Keep away from direct sunlight; store in a dry place and keep in the original packaging. Keep away from ozone sources. If products are properly stored, as indicated, they won't lose their performances or change characteristics significantly. If products could be affected by ageing or storage, the expiry date is mentioned on the packaging materials.
Sterilization Method	GAMMA irradiation (25 kGy)
Sterilization Minimum Dose	25kGy
Sterility Assurance Level	10 ⁻⁶
Cleanroom Class	Class 10/ISO 4;EU GMP Grade A
Shelf Life	3 years
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) <260

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 ² /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. *For Bioclean D and Bioclean 2000, the chemical permeation results relates to the fabric performance for reference only. Seams and closures may have lower breakthrough times. We recommend garments with sealed seams such as Bioclean-C to be worn over the coverall for added protection against chemotherapy drugs handling.

SIZE CHART

Universal long length min. 480mm



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MATERIAL PERFORMANCE TEST RESULTS

TEST	RESULT	PERFORMANCE CLASS	PERFORMANCE STANDARD
Abrasion Resistance	>10 cycles	1	EN 12947-2
Flex Cracking Resistance	>50,000 cycles	6	EN ISO 7854
Puncture Resistance	>5 N	1	ISO 13996
Trapezoidal Tear Resistance Cross Direction (CD)	EN ISO 9073-4	1	EN ISO 9073-4
Trapezoidal Tear Resistance Machine Direction (MD)	>10 N	1	EN ISO 9073-4
Tensile Strength Cross Direction (CD)	>30 N	1	EN ISO 13934-1
Tensile Strength Machine Direction (MD)	>30 N	1	EN ISO 13934-1
Repellence to Liquids - 30% H ₂ SO ₄	>90%	3	ISO 6530
Repellence to Liquids - 10% NaOH	>90%	3	ISO 6530
Repellence to Liquids - O-Xylene	>80%	2	ISO 6530
Repellence to Liquids - Butan-1-ol	>90%	3	ISO 6530
Penetration by Liquids - 30% H ₂ SO ₄	<1%	3	ISO 6530
Penetration by Liquids - 10% NaOH	<1%	3	ISO 6530
Penetration by Liquids - O-Xylene	<1%	3	ISO 6530
Penetration by Liquids - Butan-1-ol	<1%	3	ISO 6530
Seam Strength ²	>50 N	2	ISO 13935-2
Electrostatic Charge Half Decay Time, t ₅₀ (secs)	PASS		EN1149-3

1. Seam not destroyed
2. The material is static dissipative. Tested in accordance with EN1149-5

ORDERING INFORMATION

	SIZE	
S BDSC-L	REORDER NO.	S-BDSC-L

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.

