BioClean-D™ Sleeve Covers BDSC-L

Non-sterile disposable longer-length sleeve covers, for enhanced personal protection

- **Enhanced protection:** BioClean-D™ Sleeve Covers BDSC-L non-sterile sleeve covers are longer than standard Ansell alternatives (at an average length of 480mm), providing extra coverage over the arms
- **ESD properties:** Their fabric is antistatic-coated, minimizing the risk of electrostatic damage or interference
- **Reduced contamination risks:** These disposable sleeve covers are also made from lightweight low-linting CleanTough™ material, for added comfort and lower contamination risks
- **Optimized fit:** They also feature an elasticated opening, offering wearers a firm, 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):** Better protection and coverage
- **Antistatic coating:** Controlled electrostatic dissipation
- **Lightweight low-linting CleanTough™ material:** Fewer 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 19935-2, 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, UKCA
Packaging Overview	• 30 pieces per sealed inner PE bag; one inner bag per sealed outer PE bag; six outer bags per lined carton (180 pieces)
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.
Cleanroom Class	Class 10/ISO 4
Shelf Life	5 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/cm² /min
CISPLATIN	>240
CARMUSTINE	<6
CYCLOPHOSHAMIDE	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% H₂SO₄	>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% H₂SO₄	<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, t₅₀ (secs)	PASS		EN1149-3

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

ORDERING INFORMATION

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

Performance Standards and Regulatory Compliance

PARTIAL BODY PROTECTION ONLY · CE 0598 · TYPE PB [6]

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