

BioClean-D Sleeve Covers BDSC-L

Sleeve Covers - Non-sterile

Offering comfort, protection and quick and simple donning, the single use BioClean-D Sterile Disposable Sleeve Covers are constructed from antistatic lightweight low-linting CleanTough material, featuring elasticated openings for a firm fit.

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

- Extra long length 500mm
- Excellent ESD Properties
- Lightweight & low-linting

Industries

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

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Technical Data Sheet

PRODUCT INFORMATION

BDSC-L

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 1149-5:2008, EN 13934-1, EN 19935-2, EN 530, EN 6530, EN 7854, EN 863, EN 9073-4, EN ISO 13688:2013, Category III, EN 13034:2005 + A1:2009
Storage and packaging	30 pieces per sealed inner PE bag; one inner bag per sealed outer PE bag; six outer bags per lined carton (180 pieces)
Country of Origin	Malaysia
Available sizes	Universal
Cleanroom Class	Class 10/ISO 4
Shelf Life	Five (5) 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) $\geq 0.5\mu\text{m}$ (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 $\mu\text{g}/\text{cm}^2/\text{min}$

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.

Size Chart

Universal

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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.

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