



BioClean-D™ Hood BDHD-L

Non-sterile long-length protective hood, offering comprehensive personal protection

- **Added protection:** The BioClean-D™ Hood BDHD-L non-sterile protective hood's extended length ensures greater coverage when worn with a coverall
- **Reduced contamination risks:** Due to its lightweight, low-linting material, contamination risks is minimized
- **Electrostatic dissipative properties:** The material is antistatic coated to prevent static buildup, enabling a controlled dissipation of static electricity
- **CAUTION:** Please contact Ansell Customer Service for specific chemotherapy drug permeation times and recommendations



Key Features and Benefits

- **Extended length:** For greater protective coverage
- **Lightweight low-linting material:** Lower contamination risks
- **ESD properties:** Minimal risk of electrostatic damage or interference

Industries

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





BioClean-D™ Hood BDHD-L

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	20 pieces per sealed inner PE bag; one inner bag per sealed outer PE bag; six outer bags per lined carton (120 pieces)
Country Of Origin	China
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.

PARTICLE SHEDDING TEST RESULTS

TEST	RESULT
Particle Shedding (Helmke Drum Test)	$\geq 0.5\mu\text{m}$ (counts/min) <2000

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
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.

SIZE CHART

Universal



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

1. Seam not destroyed

ORDERING INFORMATION

	SIZE	Universal
BDHD-L	REORDER NO.	BDHD-L

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Performance Standards and Regulatory Compliance



CE 0598



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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.

