



BioClean-D™ Hood BDHD-L

Hood - Longer Length - Non-sterile

The single use BioClean-D Hood has a three-piece design to ensure a perfect fit. Made from antistatic lightweight CleanTough material for comfort, the hood features an extra-long yoke for maximum coverage when worn in conjunction with a coverall with collar, and features an elasticated face-opening with reinforced edges to avoid contamination entering the controlled environment.

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

Key Features and Benefits

- Extra-long yoke for maximum coverage
- Lightweight low-linting CleanTough material
- Excellent ESD properties



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, CE 0598, EN ISO 13688:2013, EN 1149-5:2008, EN 13934-1, EN 13935-2, EN 530, EN 6530, EN 7854, EN 863, EN 9073-4, EN ISO 14325, Category III, 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. |

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) | $\geq 0.5Qm$ (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 Qg/cm ² /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

ORDERING INFORMATION

| | SIZE | Universal |
|--------|-------------|-----------|
| BDHD-L | REORDER NO. | BDHD-L |

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Performance Standards and Regulatory Compliance

CE 0598



EN 1149-5



TYPE PB [6]

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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.

