

BIOCLEAN-D HOOD

Sterile Longer Length
S-BDHD-L

About

The single use BioClean-D Sterile Hood has a three-piece design to ensure a perfect fit. Made from anti-static 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.

EXTRA-LONG YOKE

THREE PIECE DESIGN

ANTI-STATIC

Specifications

MATERIAL:

Anti-static BioClean-D CleanTough white material

COLOUR:

White

CONSTRUCTION:

Bound seams with single needle stitching

CLASSIFICATION:

PPE Cat 3 Type PB [6]

CHARACTERISTICS:

Anti-static to EN1149-5* & low particulating

COMPATIBILITY:

ISO Class 4 & EU GMP Grade A

STERILIZATION:

Gamma irradiation

Features

- Extra-long yoke for maximum coverage
- Lightweight low-linting CleanTough material
- Excellent ESD properties
- PPE Cat 3 Type PB [6]
- Silicone-free



Quality Standards

- Manufactured in a facility holding ISO 9001:2015 and (EU)2016/425 Module D certifications
- Conforms to Category 3 - Personal Protective Equipment Regulation (EU)2016/425
- Tested against standard EN ISO 13034:2005+A1:2009 protective clothing against liquid chemicals (Type PB[6])
- Tested against standard EN ISO 14325 protective clothing against chemicals
- Tested against standards: EN 1149-5:2008*, protective clothing - electrostatic properties; EN 530, Abrasion resistance; EN 7854, Flex cracking resistance; EN 6530, Resistance to penetration by liquids; EN 13934-1, Tensile strength; EN 9073-4, Trapezoidal tear resistance; EN 863, Puncture resistance; and EN 13935-2, Seam strength.
- Tested against permeation standard ASTM F739-12
- Processed in an NEBB certified ISO Class 4 environment
- Sterilized in accordance with ISO 11137-1:2006

Sterilization

Method: Gamma irradiation
 Minimum Dose: 25kGy
 Sterility Assurance Level: 10^{-6}

Shelf Life & Storage

Three (3) years from date of manufacture. Store in a dry, cool place (<40°C) away from direct sunlight and fluorescent light.

Performance Test Results – BioClean-D CleanTough White Material

| TEST | RESULT | | PERFORMANCE CLASS (EN 14325) |
|---|------------------------------------|-------|---------------------------------|
| Abrasion Resistance | 10 to 100 cycles | | 1 |
| Flex Cracking Resistance | 5,000 to 15,000 cycles | | 3 |
| Trapezoidal Tear Resistance | MD 55.5 N | | 3 |
| Trapezoidal Tear Resistance | CD 29.3 N | | 2 |
| Tensile Strength | CD 48 N | | 1 |
| Tensile Strength | MD 97 N | | 2 |
| Puncture Resistance | 8 N | | 1 |
| Repellence to Liquids | 30% H ₂ SO ₄ | 96.3% | 3 |
| | 10% NaOH | 97.6% | 3 |
| | O-Xylene | 95.7% | 2 |
| | Butan-1-ol | 96.6% | 3 |
| Penetration by Liquids | 30% H ₂ SO ₄ | 0% | 3 |
| | 10% NaOH | 0% | 3 |
| | O-Xylene | 0% | 3 |
| | Butan-1-ol | 0% | 3 |
| Seam Strength | 70 N | | 2 |
| Electrostatic Charge Half Decay Time, t_{50} (secs) | 0.07 | | Pass |

¹Seam not destroyed.



Particle Shedding Test Results

| TEST | RESULT | CATEGORY (IEST-RP-CC003.3) |
|--------------------------------------|--------|-------------------------------|
| Particle Shedding (Helmke Drum Test) | <260 | Category I |

BioClean-D™ CleanTough White Material - ASTM F739-12 Test Method Results

Mean Breakthrough Time (MBT), Minutes

Breakthrough of the test chemical is deemed to have occurred when the permeation rate has reached 0.1 µg/cm²/min

| CISPLATIN | CARMUSTINE | CYCLO- PHOSPHA- MIDE | DOXO- RUBICIN HYDRO- CHLORIDE | 5- FLURO- URACIL | METHO- TREXATE | ETOPOSIDE | PACLITAXEL | THIOTEPA |
|-----------|------------|----------------------------|--|------------------------|-------------------|-----------|------------|------------------|
| >240 | <6 | 217 (275,162,215) | >240 | >240 | >240 | >240 | <10 | 30 (28,30,33) |

Results achieved under controlled laboratory conditions, by accredited external testing laboratory.

TO ORDER

| Re-Order | Chest | Height | Size |
|----------|-------|--------|-----------|
| S-BDHD-L | N/A | N/A | Universal |

Packing

One piece per sealed inner PE bag; 20 inner bags per sealed outer PE bag; six outer bags per lined carton (120 pieces)

*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