

# BIOCLEAN-D HOOD

## Longer Length BDHD-L

### About

The single use BioClean-D™ 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 EN 1149-5\* & low particulating

**COMPATIBILITY:**

ISO Class 4

### 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

## Shelf Life & Storage

Five (5) 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 <sub>2</sub> SO <sub>4</sub>	96.3%	3
	10% NaOH	97.6%	3
	O-Xylene	95.7%	2
	Butan-1-ol	96.6%	3
Penetration by Liquids	30% H <sub>2</sub> SO <sub>4</sub>	0%	3
	10% NaOH	0%	3
	O-Xylene	0%	3
	Butan-1-ol	0%	3
Seam Strength <sup>1</sup>	70 N		2
Electrostatic Charge Half Decay Time, t <sub>50</sub> (secs)	0.07		Pass

<sup>1</sup>Seam 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/cm<sup>2</sup>/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
BDHD-L	N/A	N/A	Universal

### Packing

20 pieces per sealed inner PE bag; one inner bag 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