



BioClean-D™ Sleeve Covers - Sterile S-BDSC-L

Longer-length sterile disposable sleeve covers, for more comprehensive personal protection

- **Enhanced protection:** BioClean-D™ Sleeve Covers S-BDSC-L sterile sleeve covers are longer than standard Ansell alternatives (at an average length of 480mm), boosting protective coverage over the arms
- **ESD properties:** Their material is antistatic-coated, limiting the risk of electrostatic damage or interference
- **Reduced contamination risks:** These disposable sleeve covers are also made from low-linting lightweight CleanTough™ material, for enhanced comfort and fewer contamination risks
- **Optimized fit:** They also feature an elasticated opening, granting wearers a firmer, more secure fit



Key Features and Benefits

- **Longer length (480mm):** Enhanced coverage and protection
- **Antistatic coating:** Controlled electrostatic dissipation
- **Low-linting lightweight material:** Lower contamination risks

Industries

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





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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 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, EN ISO 13688:2013+A1:2021, EN ISO 14325, ISO 11137-1:2006, Category III, EN 13034:2005 + A1:2009, EN 13034:2005 + A1:2009 |
| Packaging Overview | One pair per sealed inner PE bag; 15 inner bags per sealed outer PE bag; six outer bags per lined carton (90 pairs) |
| Country Of Origin | China |
| Sterilization Method | GAMMA irradiation (25 kGy) |
| Sterilization Minimum Dose | 25kGy |
| Sterility Assurance Level | 10 ⁻⁶ |
| Cleanroom Class | Class 10/ISO 4 & EU GMP Grade A |
| Shelf Life | Three (3) 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) | ≥ 0.5Qm (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 Qg/cm ² /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 long length min. 480mm



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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

Performance Standards and Regulatory Compliance



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