

BioClean-C Non-Sterile Chemotherapy Protective Apron - Sleeveless

About

Providing protection against chemotherapy drugs, the BioClean-C™ Chemotherapy Protective Apron is manufactured from lightweight, low-linting and hard wearing CleanTough™ material, featuring tie tapes at the rear and an adjustable neck fastening.

Specifications

MATERIAL:

CleanTough™ material

COLOUR:

Blue

CONSTRUCTION:

Adjustable neck, tie fastening at waist

CLASSIFICATION:

PPE Cat 3 Type PB [6]

CHARACTERISTICS:

Low particulating

COMPATIBILITY:

ISO Class 4

Features

- Tested against ASTM D6978-05 using a minimum of nine cytotoxic drugs
- Tie tapes at rear
- Adjustable neck fastening
- Processed to ensure ISO Class 4 compatibility
- Lightweight, low-linting & hard wearing CleanTough™ material



CHEMOTHERAPY
 Protective Apron
BCDA

LIGHTWEIGHT & LOW-LINTING

**TESTED AGAINST
 ASTM D6978-05**

**ADJUSTABLE NECK
 FASTENING**

**PROTECTION AGAINST
 A RANGE OF
 CHEMOTHERAPY
 DRUGS**



Dr Isolator™ represents BioClean's™ GMP compatible Chemo Safety Wear



Quality Standards

- Manufactured in a facility holding ISO 9001:2008 and 89/686/EEC Article 11b certifications
- Conforms to Category 3 - Complex Design Personal Protective Equipment PPE Directive 89/686/EEC
- Tested against standard EN ISO 13034 protective clothing against liquid chemicals (Type PB [6])
- Tested against standard EN 14325 protective clothing against chemicals
- Tested against permeation standard ASTM D6978-05 for cytotoxic drugs
- 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

| 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 58.4 N | | 3 |
| Trapezoidal Tear Resistance | CD 42.5 N | | 3 |
| Tensile Strength | MD 68 N | | 2 |
| Tensile Strength | CD 43 N | | 1 |
| Puncture Resistance | 9 N | | 1 |
| Repellence to Liquids | 30% H ₂ SO ₄ | 99.0% | 3 |
| | 10% NaOH | 98.4% | 3 |
| | O-Xylene | 91.4% | 2 |
| | Butan-1-ol | 93.9% | 2 |
| 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 ¹ | 90 N | | 3 |

¹Seam not destroyed

Particle Shedding Test Results

| TEST | RESULT | CATEGORY (IEST-RP-CC003.3) |
|--------------------------------------|--------|----------------------------|
| Particle Shedding (Helmke Drum Test) | <1700 | Category I |



CleanTough™ Material - ASTM D6978-05 Test Results

Breakthrough detection time (minutes)

Breakthrough of the test chemical is deemed to have occurred when the permeation rate has reached 0.01 µg/cm²/min

| CISPLATIN | CARMUSTINE | CYCLO- PHOSPHA- MIDE | DOXO-RUBICIN HYDRO- CHLORIDE | 5- FLUORO- URACIL | METHO- TREXATE | ETOPOSIDE | PACLITAXEL | THIOTEPA |
|-----------|------------|----------------------------|------------------------------------|-------------------------|-------------------|-----------|------------|----------|
| >480 | >480 | >480 | >480 | >480 | >480 | >480 | >480 | >480 |

Product Numbers

| | | |
|--------|--------|----------|
| BCDA-S | Small | 50 pc/cs |
| BCDA-M | Medium | 50 pc/cs |
| BCDA-L | Large | 50 pc/cs |

