



# BioClean-C™ Apron with Sleeves BCAS

## Lightweight, non-sterile protective apron, guarding against various chemotherapy drugs

- **Assured protection:** The BioClean-C™ Apron with Sleeves BCAS is an ideal choice as a chemotherapy protective apron, as it is tested against a wide range of chemotherapy drugs
- **Reduced contamination risks:** This protective apron is made from lightweight, low-linting material
- **Added strength:** Ultrasonically bonded with protective tape, this apron is ideal for protection against chemotherapy drugs
- **Enhanced fit:** With an adjustable neck fastening and tie tapes at the rear, it allows wearers to find a comfortable, consistent fit for them



### Key Features and Benefits

- **CleanTough™ material:** Low-linting and lightweight
- **Ultrasonically bonded seams:** Heightened strength and protection

### Industries

- Controlled and Critical Environments
- Production and Manufacturing
- Laboratory and Research





# BioClean-C™ Apron with Sleeves BCAS

## TECHNICAL DATA SHEET

### PRODUCT INFORMATION

<b>Material</b>	CleanTough™
<b>Audit Standards</b>	Manufacturing QMS Audit Standards ISO 9001, PPE Regulation 2016 425 Module D
<b>Standards</b>	ASTM F739, CE 0598, EN 13934-1, EN 13935-2, EN 530, EN 6530, EN 7854, EN 9073-4, EN ISO 14325, Partial Body Protection Only, Category III, EN 13034:2005 + A1:2009
<b>Storage</b>	Store in a dry cool place 40°C away from direct sunlight and fluorescent light.
<b>Country Of Origin</b>	China
<b>Cleanroom Class</b>	Class 10/ISO 4
<b>Shelf Life</b>	Five (5) years from date of manufacture.
<b>Construction</b>	Ultrasonically bonded sleeve seams with protective tape & 100% polyester cuffs.
<b>Characteristics</b>	Low particulating

### PARTICLE SHEDDING TEST RESULTS

TEST	RESULT
Particle Shedding (Helmke Drum Test)	≥ 0.5Qm (counts/min) <1700

### 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 <sup>2</sup> /min
CISPLATIN	>480
CARMUSTINE	>240
CYCLOPHOSHAMIDE	>480
DOXORUBICINHYDROCHLORIDE	>480
5-FLUOROURACIL	>480
METHOTREXATE	>480
ETOPOSIDE	>480
PACLITAXEL	>480
THIOTEPA	>456

Results achieved under controlled laboratory conditions, by accredited external testing laboratory. \*For Bioclean D and Bioclean 2000, the chemical permeation results relates to the fabric performance for reference only. Seams and closures may have lower breakthrough times. We recommend garments with sealed seams such as Bioclean-C to be worn over the coverall for added protection against chemotherapy drugs handling.

### SIZE CHART

BCAS-S: Size: S, Chest: 84-92cm (33"-36"), Height:164-170cm (5'4"-5'6")  
BCAS-M: Size: M, Chest: 92-100cm (36"-39"), Height:170-176cm (5'6"-5'9")  
BCAS-L: Size: L, Chest:100-108cm (39"-42"), Height:176-182cm (5'9"-6'0")  
BCAS-XL: Size: XL, Chest:108-116cm (42"-45"), Height: 182-188cm (6'0"-6'2")



# BioClean-C™ Apron with Sleeves BCAS

## MATERIAL PERFORMANCE TEST RESULTS

TEST	RESULT	PERFORMANCE CLASS
Abrasion Resistance	>10 cycles	1
Puncture Resistance	>5 N	1
Trapezoidal Tear Resistance Cross Direction (CD)	>10 N	2
Trapezoidal Tear Resistance Machine Direction (MD)	>10 N	3
Tensile Strength Cross Direction (CD)	>30 N	1
Tensile Strength Machine Direction (MD)	>30 N	2
Repellence to Liquids - 30% H <sub>2</sub> SO <sub>4</sub>	>90%	3
Repellence to Liquids - 10% NaOH	>90%	3
Repellence to Liquids - O-Xylene	>90%	1
Repellence to Liquids - Butan-1-ol	>90%	3
Penetration by Liquids - 30% H <sub>2</sub> SO <sub>4</sub>	<1%	3
Penetration by Liquids - 10% NaOH	<1%	3
Penetration by Liquids - O-Xylene	<1%	3
Penetration by Liquids - Butan-1-ol	<1%	3
Seam Strength <sup>1</sup>	>50 N	2

## ORDERING INFORMATION

BCAS	SIZE	S, M, L, XL
	REORDER NO.	BCAS-S, BCAS-M, BCAS-L, BCAS-XL

For additional information visit us at [www.ansell.com](http://www.ansell.com), or call us at

### Europe, Middle East & Africa Region

Ansell Healthcare Europe NV  
T: +32 (0) 2 528 74 00  
F: +32 (0) 2 528 74 01

### Asia Pacific Region

Ansell Global Trading Center  
T: +603 8310 6688  
F: +603 8310 6699

### North America Region

Ansell Healthcare Products LLC  
US T: +1 800 800 0444  
US F: +1 800 800 0445  
CA T: +1-800-363-8340

### Latin America & Caribbean Region

Ansell Commercial Mexico S.A. de C.V.  
T: +52 442 248 1544 / 248 3133

### Australia

Ansell Limited  
T: +61 1800 337 041  
F: +61 1800 803 578

### UK

Ansell Nitritex  
T: +44 1638 663338  
F: +44 1638 668890

## Performance Standards and Regulatory Compliance

CE 0598



Ansell, ® and ™ are trademarks owned by Ansell Limited or one of its affiliates. US Patented and US and non-US Patents Pending: [www.ansell.com/patentmarking](http://www.ansell.com/patentmarking) © 2024 Ansell Limited. All Rights Reserved.

Neither this document nor any other statement made herein by or on behalf of Ansell should be construed as a warranty of merchantability or that any Ansell product is fit for a particular purpose. Ansell assumes no responsibility for the suitability or adequacy of an end user's selection of gloves for a specific application.

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.

