



# 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





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## 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 13688:2013, EN ISO 14325, Category III, EN 13034:2005 + A1:2009
<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

### MATERIAL PERFORMANCE TEST RESULTS

TEST	RESULT	PERFORMANCE CLASS
Abrasion Resistance	10 to 100 cycles	1
Trapezoidal Tear Resistance Cross Direction (CD)	CD 32.3 N	2
Trapezoidal Tear Resistance Machine Direction (MD)	MD 50.6 N	3
Tensile Strength Cross Direction (CD)	CD 47 N	1
Tensile Strength Machine Direction (MD)	MD 94 N	2
Puncture Resistance	10 N	1
Repellence to Liquids - 30% H <sub>2</sub> SO <sub>4</sub>	99.0%	3
Repellence to Liquids - 10% NaOH	98.4%	3
Repellence to Liquids - O-Xylene	91.4%	1
Repellence to Liquids - Butan-1-ol	93.9%	3
Penetration by Liquids - 30% H <sub>2</sub> SO <sub>4</sub>	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 <sup>1</sup>	74 N	2

1. Seam not destroyed



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## 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	>240
CARMUSTINE	>240
CYCLOPHOSAMIDE	>240
DOXORUBICINHYDROCHLORIDE	>240
5-FLUOROURACIL	>240
METHOTREXATE	>240
ETOPOSIDE	<6
PACLITAXEL	>240
THIOTEPA	55 (46,88,31)

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

## 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")

## 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

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## Performance Standards and Regulatory Compliance



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