



# 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

Material	CleanTough™
Audit Standards	Manufacturing QMS Audit Standards ISO 9001, PPE Regulation 2016 425 Module D
Standards	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 13688:2013, EN 14605:2005 + A1:2009, EN ISO 14325, Partial Body Protection Only, Category III, EN 13034:2005 + A1:2009
Country Of Origin	China
Cleanroom Class	Class 10/ISO 4
Shelf Life	Five (5) years from date of manufacture.
Construction	Ultrasonically bonded sleeve seams with protective tape & 100% polyester cuffs.
Characteristics	Low particulating

### PARTICLE SHEDDING TEST RESULTS

TEST	RESULT
Particle Shedding (Helmke Drum Test)	$\geq 0.5\mu\text{m}$ (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 $0.1 \mu\text{g}/\text{cm}^2/\text{min}$
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")



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## MATERIAL PERFORMANCE TEST RESULTS

TEST	RESULT	PERFORMANCE CLASS
Abrasion Resistance	10 to 100 cycles	1
Puncture Resistance	10 N	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
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

## ORDERING INFORMATION

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

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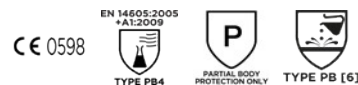
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## Performance Standards and Regulatory Compliance



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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.

