



# BioClean-C™ Apron with Sleeves - Sterile S-BCAS

## Chemotherapy Protective Apron with Sleeves - Sterile

The BioClean-C Chemotherapy Protective Apron with Sleeves provides protection against a range of cytotoxic drugs. Manufactured from lightweight low linting CleanTough material, the apron features an adjustable neck fastening, tie tapes at the rear and ultrasonically bonded sleeve seams with protective tape.

- Tested against permeation standard ASTM F739-12
- Ultrasonically bonded seams with protective tape
- Tie tapes at rear
- Adjustable neck fastening
- Lightweight low-linting
- CleanTough material



### 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 1149-5:2008, EN 13934-1, EN 13935-2, EN 530, EN 6530, EN 7854, EN 863, EN 9073-4, EN ISO 13688:2013, EN ISO 14325, ISO 11137-1:2006, Category III, EN 13034:2005 + A1:2009
<b>Packaging Overview</b>	One piece per sealed inner PE bag; one inner bag per sealed outer PE bag; 40 outer bags per lined carton (40 pieces)
<b>Country Of Origin</b>	China
<b>Sterilization Method</b>	GAMMA irradiation (25 kGy)
<b>Sterilization Minimum Dose</b>	25kGy
<b>Sterility Assurance Level</b>	10 <sup>-6</sup>
<b>Cleanroom Class</b>	Class 10/ISO 4 & EU GMP Grade A
<b>Shelf Life</b>	Three (3) years from date of manufacture.
<b>Construction</b>	Ultrasonically bonded sleeve seams with protective tape & 100% polyester elasticated 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 Size: (5'4"-5'6")  
 BCAS-M: Size: M, Chest: 92-100cm (36"-39"), Height:170-176cm Size: (5'6"-5'9")  
 BCAS-L: Size: L, Chest:100-108cm (39"-42"), Height:176-182cm Size:(5'9"-6'0")  
 BCAS-XL: Size: XL, Chest:108-116cm (42"-45"), Height: 182-188cm Size:(6'0"-6'2")

## ORDERING INFORMATION

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