



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

	S-BCAS
Material	Polyethylene/non-woven polypropylene laminate
Color	Blue
Manufacturing/QMS Audit Standards	Manufacturing QMS Audit Standards ISO 9001, PPE Regulation 2016 425 Module D
Regulatory/Standards Compliance	ASTM F739, CE 0598, EN 1149-5:2008, EN 13934-1, EN 19935-2, 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
Storage and packaging	One piece per sealed inner PE bag; one inner bag per sealed outer PE bag; 40 outer bags per lined carton (40 pieces)
Country of Origin	China
Available sizes	S-XL
Sterilization Method	GAMMA irradiation (25 kGy)
Sterilization Minimum Dose	25kGy
Sterility Assurance Level	10 ⁻⁶
Cleanroom Class	Class 10/ISO 4 & EU GMP Grade A
Shelf Life	Three (3) years from date of manufacture.
Construction	Ultrasonically bonded sleeve seams with protective tape & 100% polyester elasticated cuffs.
Characteristics	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 ₂ SO ₄	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 ₂ SO ₄	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 ¹	74 N	2

1. Seam not destroyed



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PARTICLE SHEDDING TEST RESULTS

TEST	RESULT
Particle Shedding (Helmke Drum Test)	≥ 0.5µm (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 µg/cm ² /min
CISPLATIN	>240
CARMUSTINE	>240
CYCLOPHOSHAMIDE	>240
DOXORUBICINHYDROCHLORIDE	>240
5-FLUOROURACIL	>240
METHOTREXATE	>240
ETOPOSIDE	<6
PACLTAXEL	>240
THIOTEPHA	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, 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



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