



BioClean-C™ Apron with Sleeves BCAS

Chemotherapy Protective Apron with Sleeves - Non-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

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 14325, 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

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)	≥ 0.5Qm (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 ² /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

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Performance Standards and Regulatory Compliance



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