



BioClean-C™ Apron BCDA

Lightweight, non-sterile protective apron, guarding against a range of chemotherapy drugs

- **Assured protection:** The BioClean-C™ Apron BCDA meets permeation standard ASTM F739-12, making it an ideal protective apron against a range of chemotherapy drugs
- **Reduced weight and contamination risks:** This work apron is made from lightweight CleanTough™ material, which limits contamination risks thanks its low-linting nature
- **Enhanced fit:** Designed with an adjustable neck fastening and tie tapes at the rear, this safety apron enables wearers to find a comfortable, consistent fit and don with ease
- **Permeation standard ASTM F739-12:** Protection against chemotherapy drugs
- **CleanTough™ material:** Light, low-linting and contaminant-reducing
- **Tie tapes and neck fastening:** Enhanced fit and stress-free donning



Industries

- Controlled and Critical Environments
- Production and Manufacturing
- Laboratory and Research





BioClean-C™ Apron BCDA

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 13034:2005 + A1:2009, EN 13934-1, EN 13935-2, EN 530, EN 6530, EN 7854, EN 863, EN 9073-4, EN ISO 13688:2013, EN ISO 14325, Category III
Packaging Overview	One piece per sealed inner PE bag; one inner bag per sealed outer PE bag; 50 outer bags per lined carton (50 pieces)
Country Of Origin	China
Shelf Life	Five (5) years from date of manufacture.
Construction	Adjustable neck, tie fastening at waist

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

Size: S: Chest: 84-92cm (33"-36"), Height: 164-170cm (5'4"-5'6")
Size: M: Chest: 92-100cm (36"-39"), Height: 170-176cm (5'6"-5'9")
Size: L: Chest: 100-108cm (39"-42"), Height: 176-182cm (5'9"-6'0")

ORDERING INFORMATION

	SIZE	S, M, L
BCDA	REORDER NO.	BCDA-S, BCDA-M, BCDA-L

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Performance Standards and Regulatory Compliance

CE 0598



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