



KLEENGUARD* A70 Chemical Spray Protection Apparel Level B/C Coveralls & Accessories

Product Information

Zipper Front, Storm Flap, Elastic Wrists, Ankles & Hood	Code	Size	Quantity
	09812	M	12
	09813	L	12
	09814	XL	12
	09815	2XL	12
	09816	3XL	12
	09817	4XL	12
	09818	5XL	12

Zipper Front, Storm Flap, Elastic Wrists, Hood & Boots	Code	Size	Quantity
	00682	M	12
	00683	L	12
	00684	XL	12
	00685	2XL	12
	00686	3XL	12
	00687	4XL	12
	00688	5XL	12

A70 Accessories

Smock, Elastic Wrist, Tie Front & Back Opening	Code	Size	Quantity
	09829	44"	25
	09830	52"	25

Sleeve Protector	Code	Size	Quantity
	97780	21" Length	200

Apron	Code	Size	Quantity
	97790	44"	100

Fabric Properties

Physical Properties	Results	Test Method
Tensile Strength – MD	33.8 lbs.	ASTM D5034
Tensile Strength – CD	24.1 lbs.	ASTM D5034
Trapezoidal tear - MD	12.3 lbs.	INDA 1 ST 100.2
Trapezoidal tear - CD	6.7 lbs.	INDA 1 ST 100.2
Mullen Burst	27.9 psi	ISO 13938-1
Flammability	Class 1	CPSC 1610
Static Decay (<0.5 secs)	Pass	NFPA 99

Barrier Properties	Results	Test Method
Blood Penetration	Pass	ASTM F1670
Bloodborne Pathogens	Pass	ASTM F1671†

Comfort Properties	Results	Test Method
Air Permeability	43 cfm	STM 3801

Additional Attributes

Polyethylene film (1.5 mil) and spunbond polypropylene fabric
 Non-latex polyisoprene elastic, No silicone, No BHT preservative
 Taped storm 3" zipper flap
 Bound Seams
 REFLEX* Design – see catalog for sizing chart
 NFPA 99 Compliant Antistatic Material

Liquid Chemicals Resistance Test

Chemicals ASTM F1001	Liquid Penetration ASTM F903	Vapor Permeation ASTM F739	
	Test Duration 60 mins Saturation Exposure	Normalized Breakthrough (mins)	Rate (µg/cm ² /min)
Acetone	Pass	Immediate	7.9
Acetonitrile	Pass▲	Immediate	8.97
Carbon Disulfide	Pass▲	Immediate	76.3
Dichloromethane	Pass▲	Immediate	85.1
Diethylamine	Pass▲	Immediate	High
N,n-Dimethylformamide	Pass	Immediate	2.54
Ethyl Acetate	Pass	Immediate	40.3
n-Hexane	Pass▲	Immediate	High
Methanol	Pass▲	Immediate	1.71
Nitrobenzene	Pass	Immediate	97.4
Sodium Hydroxide (50%)	Pass	>480	Not detected
Sulfuric Acid (98%)	Pass	>480	Not detected
Tetrachloroethylene	Pass▲	Immediate	High
Tetrahydrofuran	Pass	Immediate	32.5
Toluene	Pass▲	Immediate	High

† Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Bloodborne Pathogens Using Phi-X174 Bacteriophage Penetration as a Test System.

▲ Fabric passes penetration testing; however, the chemical is a known or suspected carcinogen or skin absorbed toxin.

Workmanship Requirements

Coveralls shall be made in accordance with reasonable industry practice with respect to holes, tears, wrinkles, cleanliness, and foreign materials or dirt. For additional information: 1-888-346-4652 or kimtech@kcc.com

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