



KLEENGUARD* A80 Chemical Permeation & Jet Liquid Coveralls & Accessories

Product Information

Zipper Front, Storm Flap,
Elastic Wrists, Ankles &
Respirator-Fit Hood



Code	Size	Quantity
45643	L	12
45644	XL	12
45645	2XL	12
45646	3XL	12
45647	4XL	12
30946*	5XL	10
30947*	6XL	10

Zipper Front, Storm Flap,
Elastic Wrists, Respirator-Fit
Hood & Boots



Code	Size	Quantity
45663	L	12
45664	XL	12
45665	2XL	12
45666	3XL	12
45667	4XL	12
30948*	5XL	10
30949*	6XL	10

A80 Accessories

Sleeve Protector



Code	Size	Quantity
45749	21"	100

Apron



Code	Size	Quantity
45748	29" x 44"	50

Fabric Properties

Physical Properties	Results	Test Method
Tensile Strength – MD	64.4 lbs	ASTM D5034
Tensile Strength – CD	52.8 lbs.	ASTM D5034
Trapezoidal tear - MD	20.8 lbs.	INDA 1 ST 100.2
Trapezoidal tear - CD	10.5 lbs	INDA 1 ST 100.2
Hydrohead	703 cm	AATCC 127-1998
Flammability	Class 1	CPSC 1610

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

Additional Attributes

Saranex® 23-P film and spunbond laminate
Non-latex polyisoprene elastic, no silicone, no BHT preservative
Taped 3" storm flap
Seams taped with Saranex® 23-P film
REFLEX* Design – see catalog for sizing chart
Seamless front

Liquid & Gas Chemicals Resistance Test

Chemicals	Liquid Penetration	Vapor Permeation
ASTM F1001	ASTM F903	ASTM F739
	Test Duration 60 mins Saturation Exposure	Normalized Breakthrough (mins) Rate (µg/cm²/min)
Acetone	Pass	23 0.92
Acetonitrile	Pass▲	72.5 0.32
Ammonia	NA (gas)	>480 Not detected
1,3 Butadiene	Pass	>480 Not detected
Carbon Disulfide	Pass▲	Immediate 70.6
Chlorine	NA (gass)	>480 Not detected
Dichloromethane	Pass▲	Immediate High
Diethylamine	Pass▲	17 92.6
N,n-Dimethylformamide	Pass	127.5 1.33
Ethyl Acetate	Pass	10 5.6
n-Hexane	Pass▲	>480 Not detected
Hydrochloric Acid (99%)	Pass	>480 Not detected
Methanol	Pass▲	>480 Not detected
Methyl Chloride	Pass	>480 Not detected
Nitrobenzene	Pass	89 6.96
Sodium Hydroxide (50%)	Pass	>480 Not detected
Sulfuric Acid (98%)	Pass	>480 Not detected
Tetrachloroethylene	Pass▲	10.5 17.4
Tetrahydrofuran	Pass	Immediate 289
Toluene	Pass▲	2.5 369.5

† 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

*Made-to-Order Codes

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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