

Technical Data Sheet

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
$O \setminus O$	09815	2XL	12
	09816	3XL	12
UU	09817	4XL	12
	09818	5XL	12

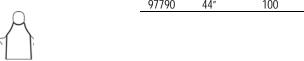
Zipper Front, Storm Flap,			
Elastic Wrists, Hood & Boots	Code	Size	Quantity
	00682	M	12
	00683	L	12
	00684	XL	12
$O \mid O$	00685	2XL	12
/ / \	00686	3XL	12
Sul find	00687	4XL	12
	00688	5XI	12

A70 Accessories

Smock, Elastic Wrist,			
Tie Front & Back Opening	Code	Size	Quantity
_	09829	44"	25
	09830	52"	25
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Sleeve Protector	Code	Size	Quantity
_	97780	21" Length	200

Apron	Code	Size	Quantity
	07700	11"	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		Penetration	Vapor Permeation	
ASTM F1001	ASIN	Л F903	ASTM F739	
	Test Duration	on 60 mins	Normalized	Rate
	Saturation	ı Exposure	Breakthrough	(µg/cm²/min)
			(mins)	
Acetone		Pass	Immediate	7.9
Acetonitrile		Pass▲	Immediate	8.97
Carbon Disulfide)	Pass▲	Immediate	76.3
Dichloromethane	9	Pass▲	Immediate	85.1
Diethylamine		Pass▲	Immediate	High
N,n-Dimethylforr	mamide	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 Hydroxid	de (50%)	Pass	>480	Not detected
Sulfuric Acid (98	%)	Pass	>480	Not detected
Tetrachioroethyle	ene	Pass▲	Immediate	High
Tetrahydrofuran		Pass	Immediate	32.5
Toluene		Pass▲	Immediate	High
† Standard Tost Method for Posistance of Materials Used in Protective Clothing to Penetration by Bloodhorne				

‡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.

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