



## KLEENGUARD\* A60 Bloodborne Pathogen & Chemical Protection Coveralls

### Product Information

Zipper Front	Code	Size	Quantity
	35407*	S	24
	45232	M	24
	45233	L	24
	45234	XL	24
	45235	2XL	24
	45236	3XL	20
	45237	4XL	20
	27288*	5XL	20
	30954*	6XL	20

Zipper Front, Storm Flap, Elastic Back, Wrists & Ankles	Code	Size	Quantity
	45002	M	24
	45003	L	24
	45004	XL	24
	45005	2XL	24
	45006	3XL	20
	45007	4XL	20

Zipper Front, Storm Flap, Elastic Back, Wrists, Ankles & Hood	Code	Size	Quantity
	45022	M	24
	45023	L	24
	45024	XL	24
	45025	2XL	24
	45026	3XL	20
	45027	4XL	20
	30955*	5XL	20
12939*	6XL	20	

Zipper Front, Storm Flap, Elastic Back, Wrists, Ankles, Hood & Boots	Code	Size	Quantity
	45092	M	24
	45093	L	24
	45094	XL	24
	45095	2XL	24
	45096	3XL	20
	45097	4XL	20
	30943*	5XL	20
	12940*	6XL	20

\*Made-to-Order

### 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](mailto:kimtech@kcc.com)

### Fabric Properties

Physical Properties	Results	Test Methods
Tensile Strength (MD)	29.4 lbs	ASTM D5034
Tensile Strength (CD)	16.7 lbs	ASTM D5034
Trapezoidal Tear (MD)	10.2 lbs	INDA IST 100.2
Trapezoidal Tear (CD)	3.84 lbs	INDA IST 100.2
Elongation (MD)	54.6%	ASTM D5034
Elongation (CD)	72.2%	ASTM D5034
Mullen Burst	49.3 psi	ISO-13938-1
Static Decay (<0.5 sec)	Pass	NFPA 99
Flammability	Class 1	CPSC 1610

Barrier Properties	Results	Test Methods
Hydrohead	183 cm	AATCC 127-1998
Particle Holdout (0.3-0.5 microns)	100%	Independent Lab
Blood Penetration	Pass	ASTM F1670
Bloodborne Pathogens	Pass	ASTM F1671†

Comfort Properties	Results	Test Methods
Moisture Vapor Transport Rate	2800 g/m <sup>2</sup> /24 hr	ISO-13938-1

Additional Attributes
Passes ASTM F1670/F1671 † for penetration of blood, bodily fluids and bloodborne pathogens
Denim Blue Spunbond-film-SMS laminate
Seamless front
Non-latex polyisoprene elastic, No silicone, No BHT preservative
REFLEX* Design – see catalog for sizing chart
Taped storm flap

### Liquid Chemical Resistance Test

Chemicals	Liquid Penetration Method D§
Acetone	Pass
Acetonitrile	Pass▲
Dichloromethane	Pass▲
Dimethylformamide	Pass
Ethyl Acetate	Pass
n-Hexane	Pass▲
Methanol	Pass
Sodium Hydroxide (50%)	Pass
Sulfuric Acid (97%)	Pass
Tetrahydrofuran	Pass
Sodium Hypochlorite (household bleach)	Pass
Isocyanate Hardener (65%)	Pass

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

§ASTM F903 Test Duration 60mins. Saturation Exposure

▲ WARNING: Fabric passes penetration testing, however, the chemical is considered a known or suspected carcinogen or skin-absorbed toxin.

Kimberly-Clark warrants that its products (1) comply with K-C's standard specifications as of the delivery date to K-C's authorized distributors/direct purchasers and are warranted for the following periods from end user's date of purchase (verified by valid sales receipt) (a) five years for Balder Technology auto darkening filters; (b) two years for all other auto darkening filters; and (c) one year for powered air purifying respirators; (2) comply with all K-C labeling representations; and (3) are manufactured in compliance with all applicable federal, state, and local laws in effect at the time and place of manufacture of the products. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. K-C is not liable for any kind of special, incidental, or consequential damages. K-C's liability for breach of contract, tort or other cause of action shall not exceed the product purchase price. Purchasers and users are deemed to have accepted the above warranty and limitation of liability, and cannot change the terms by verbal agreement or by any writing not signed by K-C. To the extent required by applicable law, K-C does not limit its liability for death/injury resulting from K-C's negligence.

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