

# KleenGuard<sup>®</sup>

Chemical Spray Protection Apparel

## A70

### Typical Uses

- Hazardous waste remediation
- Environmental cleanup
- Petrochemical/oil refining
- Acid/caustic handling
- Biohazard cleanup
- Tank cleaning
- Pharmaceutical manufacturing

1.5 MIL POLYETHYLENE  
FILM COATED SPUNBOND  
POLYPROPYLENE FABRIC

THE ENHANCED PROTECTION  
OF TAPED SEAMS AT THE COST  
OF OUR COMPETITOR'S BOUND  
SEAMS

RESPIRATOR  
FIT HOOD  
WITH TAPED  
FORMAT

LIQUID-RESISTANT,  
EXTRA-LONG ZIPPER

TAPED STORM FLAP

NFPA 99 COMPLIANT  
ANTISTATIC MATERIAL

A WICK-AWAY LINING  
FOR ENHANCED COMFORT

**PATENTED REFLEX\* DESIGN**  
IS 7½ TIMES LESS LIKELY  
TO RIP OUT THAN ANSI  
MINIMUMS – PROVIDES 12% MORE  
CHEST ROOM AND 6%  
LONGER BODY LENGTH

SOFTER AND  
QUIETER FABRIC

- A80
- A70**
- A65
- A60
- A40
- A30
- A20
- A10

## KLEENGUARD<sup>®</sup> A70 Chemical Spray Coveralls

replaces HAZARD-GARD<sup>®</sup> I Apparel

### COVERALLS – Bound Seams

#### Level B/C Suit

Zipper front, storm flap,  
elastic wrists, ankles & hood

STYLE	SIZE	CASE COUNT
09812	M	12
09813	L	12
09814	X L	12
09815	XX L	12
09816	XXX L	12
09817	XXXX L	12

#### Level B/C Suit

Zipper front, storm flap,  
elastic wrists, hood & boots

STYLE	SIZE	CASE COUNT
00682	M	12
00683	L	12
00684	X L	12
00685	XX L	12
00686	XXX L	12
00687	XXXX L	12

### COVERALLS – Taped Seams

#### Level B/C Suit

Zipper front, storm flap, elastic  
wrists, ankles & respirator fit hood

STYLE	SIZE	CASE COUNT
09822	M	12
09823	L	12
09824	X L	12
09825	XX L	12
09826	XXX L	12
09827	XXXX L	12

#### Level B/C Suit

Zipper front, storm flap, elastic  
wrists, boots & respirator fit hood

STYLE	SIZE	CASE COUNT
09832	M	12
09833	L	12
09834	X L	12
09835	XX L	12
09836	XXX L	12
09837	XXXX L	12



PROPERTIES OF KLEENGUARD* A70 CHEMICAL SPRAY APPAREL FABRIC		
PHYSICAL PROPERTIES	TEST METHOD	RESULTS
Tensile Strength (MD)	ASTM D5034	33.8 lbs
(CD)		24.1 lbs
Trapezoidal Tear (MD)	INDA IST 100.2	12.3 lbs
(CD)		6.7 lbs
Mullen Burst	ISO 13938-1	27.9 psi
Flammability	CPSC 1610	Class 1
Static Decay (<0.5 secs)	NFPA 99	Pass
BARRIER PROPERTIES	TEST METHOD	RESULTS
Blood Penetration	ASTM F1670	Pass
Blood-Borne Pathogens	ASTM F1671†	Pass

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

LIQUID CHEMICAL RESISTANCE TEST / KLEENGUARD* A70 APPAREL FABRIC			
CHEMICALS ASTM F1001	LIQUID PENETRATION ASTM F903 <i>Test Duration: 60 mins. Saturation Exposure</i>	PERMEATION ASTM F739	
		<i>Normalized Breakthrough (min.)</i>	<i>Rate (µg/cm<sup>2</sup>/min)</i>
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	32.8
Toluene	Pass △	Immediate	High

△ **WARNING:** Fabric passes penetration testing; however, the chemical is a known or suspected carcinogen or skin absorbed toxin.

Additional chemical test data is available at [www.kc-safety.com/chemicalbarrierdata](http://www.kc-safety.com/chemicalbarrierdata)

**did you know**

75% of industrial workers preferred KLEENGUARD\* A70 Apparel over the leading brand for fit and productivity.

Source: Clinical Research Services

**KLEENGUARD\* A70 Chemical Spray Accessories**



SLEEVE PROTECTOR - Yellow		
STYLE	SIZE	CASE COUNT
97780	21"	200 ea/cs



SMOCK - Yellow - elastic wrist, tie front, back opening		
STYLE	SIZE	CASE COUNT
09828	38"	25/cs
09829	44"	25/cs
09830	52"	25/cs



APRON - Yellow		
STYLE	SIZE	CASE COUNT
97790	44" Length	100/cs, bulk pack



# KleenGuard<sup>®</sup>

Wear it. Want it. *Brand*

We're only a phone call away.  
For more information, or for the name  
of the Kimberly-Clark distributor  
nearest you, call toll-free:

**Customer Service:**  
**1-800-255-6401**

**Fax:**  
**1-800-579-3555**

**Technical Hotline:**  
**1-800-851-7538**

from **head-to-toe**

View our complete line of  
**KLEENGUARD<sup>®</sup> Brand products at**  
**www.KC-Safety.com**



<b>A80</b>	Chemical Permeation & Jet Liquid Protection Apparel
<b>A70</b>	Chemical Splash and Spray Protection Apparel
<b>A65</b>	Flame Resistant Apparel
<b>A60</b>	Bloodborne Pathogen & Chemical Splash Protection Apparel
<b>A40</b>	Liquid & Particle Protection Apparel
<b>A30</b>	Breathable Splash & Particle Protection Apparel
<b>A20</b>	Breathable Particle Protection Apparel
<b>A10</b>	Light Duty Apparel

**▲ WARNINGS: Improper use or failure to heed warnings may result in serious injury or death.**

Protective Apparel should be replaced immediately if ripped, torn, abraded or punctured.

Fabrics are not flame resistant unless specified. Keep away from sparks, flames and sources of ignition. Melting fabric can cause severe burns.

It is the responsibility of the user to assess the types of hazards and the risks associated with exposure and then decide on the appropriate personal protective equipment needed for each circumstance.

The information provided within this literature refers to the performance of the fabric only, in the laboratory under controlled conditions.

Kimberly-Clark makes no representation that its products will provide complete protection from exposure to contaminants.

**FOR ADDITIONAL INFORMATION AND TEST METHODS, OR TO VIEW THE CHEMICAL APPAREL AND GLOVE SELECTOR TOOL VISIT...**

**WWW.KC-SAFETY.COM**

 **Kimberly-Clark**  
**Professional<sup>®</sup>**

**iQ**  
INNOVATIVE QUALITY  
Brought to you by  
Kimberly-Clark Professional

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The safety facts do not constitute a product endorsement.

Printed in the USA. 19346 KCPO-2406 9/06

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