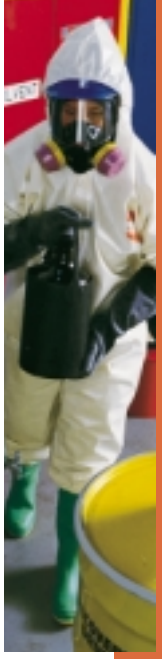
H A Z A R D - G A R D* I I

CHEMICAL BARRIER PROTECTION

G A R M E N T S

With TAPED SEAMS OF SARANEX® 23-P FILM



Made from a durable, lightweight fabric with an exterior laminated with Saranex® 23-P film and an interior that has a comfortable, cloth-like feel against the skin. Designed with no seams in the front of the garment (the primary splash zone). Available with bound or taped seams.

Typical Uses

- Chemical handling/mixing/clean-up
- Hazardous material handling
- Hazardous waste clean-up
- Industrial Hazmat teams
- Petrochemical
- Utilities

When selecting chemical protective clothing, it's important to be sure that the garment offers adequate resistance to the chemicals being handled in your workplace.

For chemical resistance data reference the back of this page and the chemical resistance guide.

COVERALLS, taped seams — White

***Level B/C Suit,** zipper front, storm flap, elastic wrists, ankles, hood*

STYLE	SIZE	CASE COUNT
45643	L	12
45644	X L	12
45645	XX L	12
45646	XXX L	10
45647	XXXX L	10

***Level B/C Suit,** zipper front, storm flap, elastic wrists, ankles, hood & boots*

STYLE	SIZE	CASE COUNT
45663	L	12
45664	X L	12
45665	XX L	12
45666	XXX L	10
45667	XXXX L	10

***Level B/C Respirator Suit,** back zipper with storm flap, hood with Mylar® faceshield, booties with boot flaps, elastic wrists with wrist flaps, air inlet*

STYLE	SIZE	CASE COUNT
45693	L	3
45694	X L	3
45695	XX L	3
45696	XXX L	3
45697	XXXX L	3

***Level B/C Encapsulated Suit,** expanded back, back zipper with storm flap, hood with Mylar® faceshield, booties with boot flaps, elastic wrists with wrist flaps*

STYLE	SIZE	CASE COUNT
45673	L	3
45674	X L	3
45675	XX L	3
45676	XXX L	3
45677	XXXX L	3

HAZARDGARD II Taped Seams	
ASTM F1001 *Liquid Chemicals*	**PENETRATION ASTM F903**
Acetone	Pass
Acetonitrile	Pass ⚠
Carbon Disulfide	Pass ⚠
Dichloromethane	Pass ⚠
Diethylamine	Pass ⚠
n,n-Dimethylformamide	Pass ⚠
Ethyl Acetate	Pass
n-Hexane	Pass
Methanol	Pass ⚠
Nitrobenzene	Pass ⚠
Sodium Hydroxide (50%)	Pass
Sulfuric Acid (98%)	Pass
Tetrachloroethylene	Pass ⚠
Tetrahydrofuran	Pass
Toluene	Pass ⚠

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

For important information, please refer to back cover.

CONSTRUCTED WITH REFLEX* COVERALL DESIGN

H A Z A R D - G A R D* I I

CHEMICAL BARRIER PROTECTION

GARMENTS

COVERALLS, bound seams — White

Zipper front, storm flap

STYLE	SIZE	CASE COUNT
45623	L	12
45624	XL	12
45625	XXL	12
45626	XXXL	10
45627	XXXXL	10

Level B/C Suit, zipper front, storm flap, elastic wrists, ankles, hood

STYLE	SIZE	CASE COUNT
45633	L	12
45634	X L	12
45635	XX L	12
45636	XXX L	10
45637	XXXX L	10

Level B/C Suit, zipper front, storm flap, elastic wrists, ankles, hood & boots

STYLE	SIZE	CASE COUNT
45653	L	12
45654	X L	12
45655	XX L	12
45656	XXX L	10
45657	XXXX L	10

PROPERTIES OF HAZARD-GARD* II Apparel Fabric

PHYSICAL PROPERTIES	TEST METHOD	RESULTS
Tensile Strength (MD)	ASTM D5034	52.8 lbs
(CD)		40 lbs
Trapezoidal Tear (MD)	INDA IST 100.2	19.6 lbs
(CD)		9.5 lbs
Mullen Burst	ISO 13938-1	54.3 psi
Flammability	CPSC 1610	Class 1
Hydrohead	AATCC 127-1998	625 cm
Blood Penetration	ASTM F1670	Pass
Blood-Borne Pathogens	ASTM F1671‡	Pass

LIQUID CHEMICAL RESISTANCE TEST/HAZARD-GARD* II Apparel Fabric

ASTM F1001 *Liquid Chemicals*	PENETRATION ASTM F903	PERMEATION ASTM F739 *Normalized Breakthrough (min.)*	*Rate µg/cm²min*
Acetone	Pass	22	High
Acetonitrile	Pass ⚠	35	0.8
Carbon Disulfide	Pass	Immediate	High
Dichloromethane	Pass ⚠	Immediate	High
Diethylamine	Pass	20	High
n,n-Dimethylformamide	Pass ⚠	109	0.45
Ethyl Acetate	Pass	18	0.8
n-Hexane	Pass	>480	<0.008
Methanol	Pass	>480	0.01
Nitrobenzene	Pass ⚠	77	3.8
Sodium Hydroxide (50%)	Pass	>480	<0.08
Sulfuric Acid (98%)	Pass	>480	<0.022
Tetrachloroethylene	Pass	50	8.2
Tetrahydrofuran	Pass	Immediate	High
Toluene	Pass	6	High

Additional testing information and detail is available upon request.

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

‡ 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.

For important information, please refer to back cover.

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