## **REPEL®** COVERALLS BASIC CHEMICAL SPLASH PROTECTION

Made from a polyethylene-coated fabric that's lightweight and resistant to many water-based liquids, greases and oils, and liquid chemical splashes and sprays. REPEL® coveralls pass ASTM F903 penetration testing for the wide range of liquid chemicals represented by ASTM F1001. REPEL® passes the ASTM F1670/1671‡ testing for penetration of blood, body fluids and blood-borne pathogens. Also, California's Department of Pesticide Regulation, a division of the state EPA, has approved REPEL® Coveralls as chemical protection in pesticide applications. REPEL® is an excellent lower-cost alternative for basic chemical splash protection.

PROTECTIVE APPAREL

Toluene Diisocyanate

Methylene bisphenyl isocyanate (MDI)

Hexamethylene diisocyanate (HMDI)

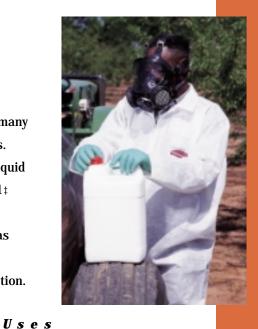
Malathion (50%)

Orthenex® (50%)

Round Up® (100%)

CHEMICALS

(TDI)



PROPERTIES OF REPEL® Apparel Fabric				
PHYSICAL PROPERTIES	TEST METHOD	RESULTS		
Tensile Strength (MD)	ASTM D5034	25.1 lbs		
(CD)		19.6 lbs		
Trapezoidal Tear (MD)	INDA IST 100.2	9.4 lbs		
(CD)		6.6 lbs		
Elongation (MD)	ASTM D5034	47%		
(CD)		56.6%		
Mullen Burst	ISO 13938-1	36.8 psi		
Flammability	CPSC 1610	Class 1		
Hydrohead	AATCC 127-1998	277 cm		
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/REPEL® Apparel Fabric				
ASTM F1001 Liquid Chemicals	PENETRATION ASTM F903 METHOD C			
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.

# Ideal for general protection and splash

exposure chemical applications, including:

TYVEK

PENETRATION

ASTM F903

METHOD D

Fail

Fail

Fail

Fail

Fail

Fail

- Agricultural mixing and spraying
- Chemical handling

Typical

- Environmental clean-up
- Oil refining
- · Acid/caustic splash
- Tank cleaning
- Pesticide application
- Biohazard clean-up
- Paint booth

REPEL

PENETRATION

ASTM F903

METHOD D

Pass

Pass

Pass

Pass

Pass

Pass

COVERALLS — White				
Zipper front, storm flap				
STYLE	SIZE	CASE COUNT		
45412	Μ	25		
45413	L	25		
45414	ХL	25		
45415	XX L	25		
45416	XXX L	21		

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### Zipper front, storm flap, elastic back, wrists, ankles, hood

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STYLE	SIZE	CASE COUNT
45422	Μ	25
45423	L	25
45424	ΧL	25
45425	XX L	25
45426	XXX L	21

#### Zipper front, storm flap, elastic back wrists, ankles, hood & boots

STYLE	SIZE	CASE COUNT
45432	Μ	25
45433	L	25
45434	ΧL	25
45435	XX L	25
45436	XXX L	21



## CONSTRUCTED WITH REFLEX\* COVERALL DESIGN