



# MADE FOR CHEMICAL PROTECTIVE SUITS

combines superior hand protection and maximum user comfort...



ONEGlove® Hazmat is a revolutionary protective glove specifically designed for use with chemical protective suits such as EN943 certified ensembles.

This glove provides superior protection against:

- Cuts and punctures
- Chemical/biological agents and industrial solvents
- Liquefied gases and toxic substances
- Flash fire

ONEGlove Hazmat is a single piece construction glove which provides superior protection to traditional butyl rubber or fluoroelastomer alternatives and allows the user to replace three or even four separate gloves. It is designed to allow for easy withdrawal and re-insertion of hands into gloves during use without ever inverting! No other single glove has such a wide range of resistance to toxic chemicals or warfare agents making it the glove of choice for CBRN and Hazmat interventions.

[www.oneglove.com](http://www.oneglove.com)

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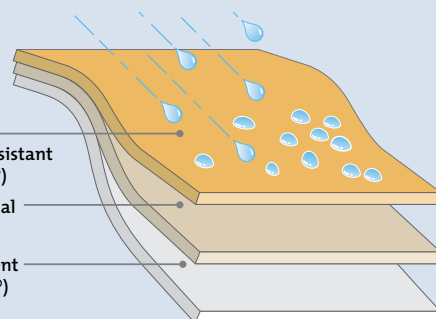
- Certified to EN374
- Suitable for use with all EN943 chemical suits
- Highest permeation resistance to widest range of chemicals
- Superior protection from hazardous materials as well as cuts or punctures
- Highest comfort and safety
- Also certified to NFPA 1991 and NFPA 1994 (latest editions)

### ONEGlove® Construction

**Water Resistant  
Cut and Puncture Resistant  
(Made from KEVLAR®)**

**CHALLENGE® Chemical  
Protective Barrier**

**Moisture Management  
(Made from NOMEX®)**



*A unique manufacturing process, using only materials that have passed the most rigorous testing, combines multiple layers of protection in a single glove. The integrated moisture management liner keeps your hands dry and comfortable.*

## Performance: Certification Testing

EN374 & EN388				
PHYSICAL PROPERTIES	METHOD	LEVEL	RESULT	
Abrasion Resistance	EN388 : 2003	3	>8000 Cycles	
Cut Resistance	EN388 : 2003	3	>8 Index	
Tear Resistance	EN388 : 2003	2	>49 N	
Puncture Resistance	EN388 : 2003	2	>76 N	
Liquid-Tight Integrity (Pass/Fail)	EN374-2 : 2003	No leaks	PASS	
Chemical Permeation				
Acetone	EN374 and ASTM F739 after flex and abrasion	Time to breakthrough 0.10 µg/cm <sup>2</sup> /min	>480	
Acetonitrile			>480	
Anhydrous Ammonia (G)			>480	
1,3-Butadiene (G)			>480	
Carbon Disulfide			>480	
Chlorine (G)			>480	
Dichloromethane			>480	
Dimethyl Amine			>480	
Dimethyl Formamide			>480	
Ethyl Acetate			>480	
Ethylene Oxide (G)			>480	
Hexane			>480	
Hydrogen Chloride (G)			>480	
Methanol			>480	
Methyl Chloride (G)			>480	
Nitrobenzene			>480	
Sodium Hydroxide			>480	
Sulfuric Acid			>480	
Tetrachloroethylene			>100	
Tetrahydrofuran			>100	
Toluene	>480			
Cyanogen Chloride (CK)	>60*			
Carbonyl Chloride (CG)	>60*			
Hydrogen Cyanide (HCN)	>60*			
Dimethyl Sulfate	EN374	Time to breakthrough 1.0 µg/cm <sup>2</sup> /min	>480	
n-Heptane			>480	
Sarin (SB)			ASTM F739	PASS
Nerve Agent (VX)			ASTM F739	Cumulative Permeation <1.25 µg/cm <sup>2</sup> (after 1 hour)
Soman (GB)			ASTM F739	PASS
Distilled Mustard (DM)	ASTM F739	Cumulative Permeation <4.0 µg/cm <sup>2</sup> (after 1 hour)		
Lewisite (L)	ASTM F739	PASS		

\*Testing stopped at 60 minutes

For more than four decades, Saint-Gobain Performance Plastics and its family of companies — including CHEMFAB, makers of the Challenge® line of protective technical fabrics — have supplied the world with innovative, high-performance polymer products for the most demanding applications.

Saint-Gobain is one of the world's top 100 industrial corporations, with a tradition of excellence dating back more than 350 years.

The company has a strong and ongoing commitment to sustainable habitat, energy efficiency and environmental solutions that protect and insulate.

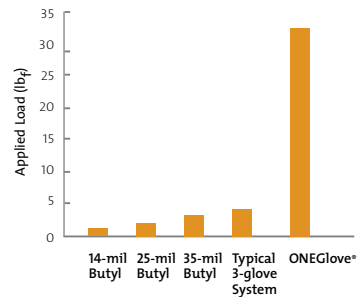


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### ONEGlove® — Puncture Test Results\*

Force to puncture (Per NFPA 1994, 2007 Edition)

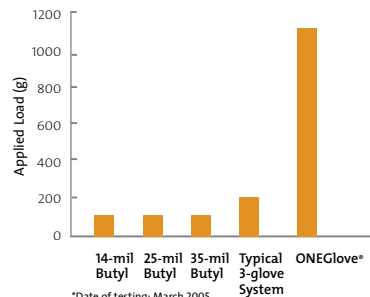
ONEGlove® Performance:  
>5x Competition and >6x NFPA 1994 Requirement



### ONEGlove® — Cut Test Results\*

Producing cut > 25 mm (Per NFPA 1994, 2007 Edition)

ONEGlove® Performance:  
>5x Competition and NFPA 1994 Requirement



### ONEGlove® Size Chart

Hand Size	EN Size	Product Code
Small	7	22410M
Medium	8	22411M
Large	9	22412M
x-Large	10	22413M
xx-Large	11	22414M

ONEGlove® Hazmat is currently certified to: EN374 with BSI CE0086 and NFPA 1991 (2005 ed.)

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