

When It Comes to Safety, There's Only ONE Choice



ONESUIT® Hazglove-91 is a high performance CBRN protective glove with unsurpassed comfort and dexterity that provides maximum protection against chemical and biological hazards. It is produced using Saint-Gobain's CORETECH® barrier technology, providing ultimate broad range chemical protection and is certified to NFPA 1991 (2016 Ed.) with optional liquefied gas and flash fire escape protection. The glove features an internal chemical barrier liner and an outer aramid glove which form a permanently joined single piece glove that will not invert during use.

FEATURES AND BENEFITS

- **Certified to NFPA 1991 (2016 Ed.)**
- **Single component design provides outstanding dexterity and superior comfort compared to multi-component glove systems**
- **Integrated construction ensures ease of use by preventing glove re-inversion**
- **CORETECH® material technology gives extreme chemical protection**
- **Aramid outer ensures superior protection from cuts and punctures and flame protection including chemical flash fires**
- **Universal suit compatibility**

Chemical Permeation Data

Cumulative Permeation ($\mu\text{g}/\text{cm}^2$) over Test Period Interval

Test Period Interval	1-hour total
Chemical/ Requirement	≤ 6.0
Acetone	< 0.14
Acetonitrile	2.7
Acrolein	0.4
Acrylonitrile	0.41
Anhydrous ammonia (gas)	2.33
1,3-Butadiene (gas)	0.99
Carbon disulfide	< 0.02
Chlorine (gas)	< 0.20
Dichloromethane	< 0.17
Diethyl amine	< 0.02
Dimethyl formamide	< 0.10
Dimethyl sulfate	< 0.10
Ethyl acetate	< 0.03
Ethylene oxide (gas)	< 0.05
Hexane	< 0.03
Hydrogen chloride (gas)	1.86
Methanol	< 0.14
Methyl chloride (gas)	< 0.04
Nitrobenzene	< 0.07
Sodium hydroxide, 50% w/w	< 0.20
Soman (GD)	< 0.14
Sulfur mustard (HD)	< 0.20
Sulfuric acid, 96.1% w/w	< 0.20
Tetrachloroethylene	< 0.11
Tetrahydrofuran	< 0.11
Toulene	< 0.09

Physical, Thermal, Operational Data

	Performance Requirement	Test Method	Requirement	Result
Base Requirements				
Glove Composite Material (Palm)	Flame resistance	ASTM F1358 (Section 8.7)	After flame time ≤ 2 seconds No melting	See Flash fire data below
	Cut resistance	ASTM F1790 (Section 8.15)	Blade travel distance ≥ 20 mm at 150 grams	45
	Puncture resistance	ASTM F1342 (Section 8.16)	Puncture force ≥ 22 N	83
	Cold temperature performance	ASTM D747 (Section 8.12)	Bend moment ≤ 0.057 Nm	0.003 – (MD) 0.003 – (XMD)
Glove Composite Material (Back)	Flame resistance	ASTM F1358 (Section 8.7)	Afterflame time ≤ 2 seconds No melting	See Flash fire data below
	Cut resistance	ASTM F1790 (Section 8.15)	Blade travel distance ≥ 20 mm at 150 grams	45
	Puncture resistance	ASTM F1342 (Section 8.16)	Puncture force ≥ 22 N	34
	Cold temperature performance	ASTM D747 (Section 8.12)	Bend moment ≤ 0.057 Nm	0.002 – (MD) 0.001 – (XMD)
ONESUIT® Hazglove-91	Dexterity	ASTM F2010 (Section 8.17)	Percent increase in bare handed control > 600 percent	326

ONESUIT® Hazglove-91 Size Chart

Hand Size	Glove Size	Product Code (OEM Cuff)	Product Code (Universal Cuff)
Small	7	43502M-ATS	43502M
Medium	8	43503M-ATS	43503M
Large	9	43504M-ATS	43504M
X-Large	10	43505M-ATS	43505M
2X-Large	11	43506M-ATS	43506M



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