

For more than four decades, Saint-Gobain Performance Plastics and its family of companies — including CHEMFAB, makers of the Challenge® line of 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 300 years.

The company has a strong and ongoing commitment to quality, leadership and customer service in the four major industrial sectors in which it operates: Construction Products, Innovative Materials, Packaging and Building Distribution.



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ONESuit® Pro Sizes

ONESuit® Pro Product Code	Suit Size	ONEGlove® Hazmat Standard Size	Recommended Boot Size
1S-P-SM	Small	8 (Medium)	6-9
1S-P-MD	Medium	9 (Large)	8-13
1S-P-LG	Large	9 (Large)	8-13
1S-P-XL	X-Large	10 (X-Large)	9-14
1S-P-2X	XX-Large	10 (X-Large)	10-15
1S-P-3X	XXX-Large	11 (XX-Large)	10-15

Size Guidelines

Suit Size	Height (in.)	Weight (lbs.)
Small	60 - 64	100 - 130
Medium	64 - 68	130 - 180
Large	68 - 72	140 - 210
X-Large	72 - 76	180 - 230
XX-Large	74 - 78	210 - 260
XXX-Large	76 - 80	240 - 290

These measurements are only guidelines. Please consult a Saint-Gobain Performance Plastics representative if unsure of your optimal size.

Chemical Test Data – NFPA 1991

CHEMICAL/AGENT	TEST METHOD	NFPA REQ'T	GARMENT MATERIAL FLEX/ABRADED	VISOR MATERIAL PRISTINE	VISOR SEAM PRISTINE	GARMENT SEAM PRISTINE
ACETONE			>480	>480	>480	>480
ACETONITRILE			>480	>480	>480	>480
AMMONIA			>480	>480	>480	>480
1,3-BUTADIENE			>480	>480	>480	>480
CARBON DISULFIDE			>480	>480	>480	>480
CHLORINE			310	>480	>480	>480
DICHLOROMETHANE			>480	>480	>480	>480
DIETHYL AMINE			>480	>480	>480	>480
DIMETHYL FORMAMIDE			>480	>480	>480	>480
ETHYL ACETATE			>480	>480	>480	>480
ETHYLENE OXIDE			>480	>480	>480	>480
HEXANE		TIME TO BREAKTHROUGH 0.10 µg/cm ² /MIN (60 MINUTES MINIMUM)	>480	>480	>480	>480
HYDROGEN CHLORIDE			>480	>480	>480	>480
METHANOL			>480	>480	>480	>480
METHYL CHLORIDE	ASTM F739		>480	>480	>480	>480
NITROBENZENE			>480	>480	>480	>480
SODIUM HYDROXIDE			>480	>480	>480	>480
SULFURIC ACID			>480	>480	>480	>480
TETRACHLOROETHYLENE			>480	>480	>480	>480
TETRAHYDROFURAN			>480	>480	>480	>480
TOLUENE			>480	>480	>480	>480
CYANOGEN CHLORIDE (CK)			>60	>480	>60	>60
CARBONYL CHLORIDE (CG)			>60	>480	>60	>60
HYDROGEN CYANIDE (HCN)			>60	>480	>60	>60
DIMETHYL SULFATE			>480	>480	>480	>480
SARIN (GB)		< .125 µg/cm ² AFTER 1 HR	0.001	.039 AFTER 8 HRS	<0.001	0.001
DISTILLED MUSTARD (HD)		< 4.0 µg/cm ² AFTER 1 HR	0.023	.048 AFTER 8 HRS	<0.001	0.003

Chemical Test Data – NFPA 1994, Class 2

CHEMICAL/AGENT	TEST METHOD	NFPA REQ'T	GARMENT MATERIAL FLEX/ABRADED	VISOR MATERIAL PERMEATION	VISOR SEAM PRISTINE	GARMENT SEAM PRISTINE
DISTILLED MUSTARD (HD)		≤ 4.0 µg/cm ²	0.002	0.004	<.001	0.001
SOMAN (GD)		≤ 1.25 µg/cm ²	0.011	<.001	<.001	<.001
ACROLEIN	ASTM F739	≤ 6.0 µg/cm ²	<1	<1	<1	<1
ACRYLONITRILE		≤ 6.0 µg/cm ²	<1	<1	<1	<1
AMMONIA		≤ 6.0 µg/cm ²	<1	<1	<1	<1
CHLORINE		≤ 6.0 µg/cm ²	<1	<1	<1	<1
DIMETHYL SULFATE		≤ 6.0 µg/cm ²	<1	<1	<1	<1

ONESuit® Pro is currently certified to:



Certified Model – NFPA 1991 (2005 ed.)
Certified Model – NFPA 1994 Class 2 (2007 ed.)

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