

# ONESuit® Flash

## NFPA 1991 (2005 ed.) Certified Ensemble

**ONESuit® Flash** – incorporates all benefits and features of ONESuit® Gard while providing the additional benefit of chemical flash fire protection in a **NFPA 1991 certified** ensemble. ONESuit Flash was designed to meet the real-world needs of those who work in the most dangerous environments. Our decades of experience in advanced fabric technology, combined with input from people who actually wear hazmat suits, enabled us to create a lightweight, single skin protective garment with a revolutionary blend of functionality and performance.

**Certification:** NFPA 1991 (2005 Edition) – *Standard on Vapor-Protective Ensembles for Hazardous Materials Emergencies (2005 Edition) Liquefied Gas and Chemical Flash Fire Options included.* Certification testing is conducted through the Safety Equipment Institute (SEI).

### Product Characteristics

- One-piece construction that incorporates materials and components that are inherently flame resistant, enabling the ensemble to pass both flame resistant and **flash fire** requirements without the need for an over-cover.
- No Shelf life – proprietary fluoropolymer materials resistant to UV and temperature degradation encountered in typical storage situations
- Includes internal belting system to secure garment to user for better mobility/visibility

**Weight:** 13.0 Lbs (approximate)

**Color:** Red

**Sizes:** Available in 6 sizes ranging from Small to 3X-Large

**Storage:** Each ensemble comes with a lightweight and compact transport bag

**Garment Material:** Challenge® NXTF (Body) and Challenge NXT (booties/zipper flap), manufactured using proprietary fluoropolymer films produced by Saint-Gobain Performance Plastics, which are then laminated to an aramid substrate. Both Challenge® NXTF and NXT are inherently flame resistant and inert to a wide range of chemicals.

**Visor Material:** The visor is constructed of two layers, primary (inner) and secondary (outer). The primary visor is made of 10-mil FEP. The secondary visor is made of either clear or tinted 20-mil flexible PVC with a layer of PFA film that attaches to the suit using snap fasteners. Both secondary visors are included with the ensemble.

**Gloves:** ONEGlove® Hazmat – by Saint-Gobain Performance Plastics. Outstanding protective gloves featuring single-piece construction and excellent dexterity.

**Closure:** PVC-coated, vapor-tight zipper with garment material splash flaps that seal using hook and-loop fastener strips. Front entry; 48" opening.

**Attachments:** All garment seams are stitchless. They are produced by heat welding, and then covered on both sides with fluoropolymer film. Visor seam is a heat weld directly to the garment material. Gloves are attached using a ring and clamp assembly. Zipper is attached using thermoplastic adhesive film.

**Exhaust Valves:** The suit is equipped with two exhaust valves manufactured by Saint-Gobain Performance Plastics; they are attached to the suit using a plastic nut, two rubber washers and one metal washer.

**Pass-thrus:** The suit is available with optional SCBA pass-thru assemblies installed upon request when ordering. These pass-thru assemblies accommodate all of the major SCBA systems.

**Boots:** Tingley HazProof® (p/n 82330, 823331, sizes 7-13) protective boots. The boots are worn over integral booties that are made of the garment material and connected directly to the suit.

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Certified Model –  
NFPA 1991, 2005 ed.

**Limited Warranty:** SGPPL warrants to the purchaser and/or end user of the Suit that the Suit will be free from defects in material and workmanship for a period of ninety (90) days from the date of purchase provided that the Suit has (i) been stored, used and maintained properly in accordance with all written instructions and recommendations contained in the Technical Manual provided by SGPPL with the Suit and (ii) not been Damaged, altered, modified or repaired. **SEE ONESUIT TEC USER GUIDE AND TECHNICAL MANUAL FOR FULL WARRANTY INFORMATION**

**NOTE:** Saint-Gobain Performance Plastics Corporation does not assume any responsibility or liability for any advice furnished by it, or for the performance or results of any installation or use of the product(s) or of any final product into which the product(s) may be incorporated by the purchaser and/or user. The purchaser and/or user should perform its own tests to determine the suitability and fitness of the product(s) for the particular purpose desired in any given situation.

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HazProof® is a registered trademark of Tingley Rubber Corp.

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