



# Kappler®

***Know What You're Getting Into.®***

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## **Product Specification**

Zytron® 300

**Style: Z3H428**  
**Splash Protective Coverall**



### **Design Requirements**

1. The garment shall be constructed from a composite fabric comprised of a multilayer barrier film laminated to a polypropylene substrate. Color is tan.
2. Outer seams shall be stitched with thread and covered with heat sealed seam tape on the outside of the seam. The seam tape used to cover the seams shall be of a similar composition as the films used in the base fabric.
3. The garment shall be a front entry coverall with a vertical cloth zipper. A pull cord is attached to the zipper slider. Overlapping double storm flaps made of the base fabric shall cover the zipper. The storm flaps shall have hook and loop fasteners.
4. The outer storm flap of the garment shall contain a pull tab for ease in opening the storm flap during donning and doffing.
5. The garment shall have an elastic hood opening with special design for better fit against the respirator.
6. The garment shall have elastic in the wrists.
7. The garment shall have elastic in the ankles.

8. Garments are packed six per case.
9. Combination sized garment: XS, SMMD, LGXL, 2X3X, 4X, and 5X.

### **OPTIONAL Design Requirements**

- **OPTION BC:** Garment shall comply with the Berry Amendment
- **OPTION CP:** Garment shall have attached CP cuffs
- **OPTION 6W:** The garment shall have green neoprene gloves attached to the sleeves.

### **Performance Requirements**

1. Garment fabric shall be tested to ASTM F739, *Standard Test Method for Resistance of Protective Clothing Materials to Permeation by Liquids or Gases under Conditions of Continuous Contact*, and exhibit no breakthrough for at least eight hours against a minimum of 125 chemicals.
2. Garment fabric shall be tested in accordance with NFPA 1994, *Standard on Protective Ensembles for First Responders to CBRN Terrorism Incidents*, and show no breakthrough for eight hours against mustard (HD), sarin (GB), nerve (VX) chemical warfare agents.
3. Garment fabric shall meet the requirement of EN1149-1:2006 for anti-static properties.

### **Service Requirements**

1. The manufacturer shall have the HazMatch® technical information support system that includes an online and app based software selection program. The app based software can be found at the Apple Store or on Google Play.
2. The garments shall have a logo that indicates sizing and includes the ChemScan™ QR code that provides real time access to chemical test data for the fabrics.
3. The garments shall be manufactured in the USA.
4. The manufacturer shall have a 24-hour emergency contact number for special response need.

#### **Warning**

The information contained herein is based on technical data that Kappler believes to be reliable. It is subject to revision as additional knowledge and experience are gained. Please visit our website at [www.Kappler.com](http://www.Kappler.com) ("Kappler Website") for the most up to date product information and specifications. All pamphlets, brochures or other literature or printed material may contain information that is not as current as the information on Kappler's website. Additionally, there are uses, environments and chemicals for which Kappler products, garments and/or fabrics are unsuitable. The user has the responsibility to review all available data and verify the product, garment and/or fabric is appropriate for the intended use and meets all specified government and/or industry standards for such use. The user should review all available information on the Kappler Website, product labels and QR codes to understand the appropriate uses and limitations of Kappler products, garments and fabrics.

**CAUTION: Do not use for fire protection. Avoid open flame or intense heat.**

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