

# Introducing Zytron® 300 FR.

The first broad-based  
chemical protection  
suit with secondary  
FR protection.



Increased OSHA scrutiny is highlighting the need for FR chemical apparel. From acetone to toluene, chemical manufacturing and petrochemical workers encounter dozens of hazards where chemical and FR protection are both critical. Kappler's Zytron® 300 FR is the first and only protective suit to combine extensive chemical protection with secondary FR protection (when worn over NFPA 2112 workwear). With **200-plus chemicals tested**, Zytron 300 FR offers *four times* the testing of similar suits. Learn how Kappler innovation is reducing risk exposure with a multi-purpose garment providing primary chemical protection with secondary FR.



- Compliant with NFPA 2113 (Section 5.1.10) **WHEN WORN OVER NFPA 2112 WORKWEAR.**
- Proven by ASTM F1930 Pyroman Testing.
- Third-party testing against **200-plus chemicals.**
- Exterior seam tape distinguishes FR garment from regular maintenance coveralls.
- Multi-use, single-exposure garment for excellent affordability.
- Available in a range of styles.
- Does not contain PFAS Chemistry.

*See testing and other details on reverse.*



# With Zytron® 300 FR, more chemicals tested means more confidence.

The standard ASTM F1001 chemical test battery includes 21 chemicals and gases and is designed to represent broad categories of similar hazards. Zytron® 300 FR has been **tested against more than 200 specific hazards** to date, with new testing regularly added to Kappler's extensive chemical database. For the complete up-to-date list scan the QR code below.

## Zytron® 300 FR ASTM F1001 Chemical Test Battery\*

Chemical	Minutes
Acetone	>480
Acetonitrile	87
Carbon Disulfide	>480
Dichloromethane	70
Diethylamine	>480
Dimethylformamide	>480
Ethyl Acetate	>480
n - Hexane	>480
Methyl Alcohol	55
Nitrobenzene	>480
Sodium Hydroxide	>480
Sulfuric Acid	>480
Tetrachloroethylene	>480
Tetrahydrofuran	>480
Toluene	>480
<b>Gases</b>	
Ammonia Gas	39
1,3 Butadiene Gas	>480
Chlorine Gas	>480
Ethylene Oxide Gas	81
Hydrogen Chloride Gas	>480
Methyl Chloride Gas	>480

\* Industrial chemical testing was conducted in accordance with ASTM F739 with normalized breakthrough times reported in minutes.



For test results visit [kappler.com/products/z300fr](http://kappler.com/products/z300fr) on your web browser or scan QR code above.



Zytron® 300 FR



Shown above are available garment styles for this fabric. View details at [kappler.com](http://kappler.com)

Hooded coveralls include LongNeck™ Respirator-Fit design, available with or without attached sock booties.

Kappler's unique SMART™ label makes sizing easy to see, and a quick QR code scan provides complete chemical data plus extensive suit details.

Exterior seam tape to distinguish FR garment from regular maintenance coveralls.



## Pyroman Proven.

Tested in accordance with ASTM F1930, Zytron® 300 FR performed well in the full-body Pyroman manikin test chamber when tested over NFPA 2112 workwear.

**Note:** These tests were performed in accordance with ASTM or other appropriate testing methods by independent laboratories. This data is derived from tests performed on material samples only, not finished garments, with exception of Pyroman full-body manikin test. For a complete list of chemicals tested and additional tech data visit [kappler.com](http://kappler.com).

**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: THESE GARMENTS ARE DESIGNED FOR PROTECTION OF PERSONNEL AGAINST SHORT DURATION THERMAL EXPOSURES. DO NOT USE FOR FIREFIGHTING APPLICATIONS. MINIMIZE EXPOSURE TO OPEN FLAME OR INTENSE HEAT. MUST BE WORN OVER NFPA 2112 PRIMARY GARMENT.**

Zytron 300 FR does not contain PFAS chemistry.

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