Zytron®
Chemical Protection

Zytron 300
Fabric Color
Tan

From Petro Hazards To Warfare Agents, Zytron 300 Is A True Performance Fabric.

- Ideal for demanding applications with potential for chemical splash.
- Increased physical strength and broad chemical holdout take the protection level up a serious notch.
- Multiple NFPA-certified styles available.
- Excellent for petrochemical operations including chemical handling and maintenance work – a favorite for military operations.
- A real workhorse of the Zytron family, available in a wide range of garment types and styles.







Zytron 300

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
Gases	
Ammonia Gas	39
1,3 Butadiene Gas	>480
Chlorine Gas	>480
Ethylene Oxide Gas	81
Hydrogen Chloride Gas	>480
Methyl Chloride Gas	>480

Chemical Warfare Agent Data**

Chemical Agent	Minutes	Criteria
Bis (2-chloroethyl) sulfide (Mustard:HD)	>480	4.0 ug/cm2
Isopropyl methylfluorophosphonate (Sarin:GB)	>480	1.25 ug/cm2
Chlorovinyl arsinedichloride (Lewisite:L)	>240	4.0 ug/cm2
O-ethyl S-(2-diisopropylaminoethyl) methylphosphonothiolate (Nerve:VX)	>480	1.25 ug/cm2

* Industrial chemical testing was conducted in accordance with ASTM F739 with normalized breakthrough times reported in minutes. ** Chemical Warfare Agent testing was conducted in accordance with MIL-STD-282 and/or NFPA 1994-2001 with breakthrough times reported based on total cumulative permeation.

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. For a complete list of chemicals tested and additional tech data visit kappler.com.



Large visor system on encapsulating suits for better field of vision.

Rear entry style shown provides protection in front-splash scenarios.

Attached gloves are available on any heat sealed/taped seam garment.

Attached sock booties with splash guards are standard.

Zytron® 300



Shown above are typical garment types for this fabric. View standard styles at kappler.com or call Customer Service for custom options.

Kappler®

Z300

ZYTRON® PROTECTION

CHEM SCAN®

- XS
- SM-MD
- LG-XL
- 2X-3X
- 4X
- Other

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

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 ("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.

Zytron 300 fabric does not contain PFAS Chemistry.

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