

Zytron 300

## 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.
- Available in seven NFPA certified styles.
- 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
<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

## 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 F 739 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. For detailed technical data and physical properties see page 30 or visit kappler.com.

**WARNING:** This information is based on technical data that Kappler believes to be reliable. It is subject to revision as additional knowledge and experience are gained. The website will contain Kappler's most up-to-date product information, and customers who receive pamphlets, brochures or other literature should be aware that such "hard copy" information may not be as current as the information on Kappler's website. Customers also should recognize that there are uses, environments and chemicals for which Kappler products, garments and/or fabrics are unsuitable. It is the responsibility of the user to review available data and verify that the product, garment and/or fabric is appropriate for the intended use and meets all specified government and/or industry standards. Also, the customer should review all available information on the website to understand the uses - and limitations - on ALL products, garments and fabrics which Kappler makes available.

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



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

Zytron® 300

Shown above are typical garment types for this fabric. View standard styles at [kappler.com](http://kappler.com) or call Customer Service for custom options.

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



**ChemScan® labels – quick, accurate and only from Kappler.** Scan the label with your phone's QR reader for a complete list of chemicals tested against your garment's protective fabric.

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

Attached sock booties with splash guards are standard.