Zytron®
Chemical Protection

Zytron 500
Fabric Colors
Orange Charcoal

Top Level Protection For Demanding Hazmat Response.

- Greater than 8-hour holdout against hundreds of chemicals, with proven holdout against Chemical Warfare Agents (CWA).
- Available in a wide variety of total encapsulating suits and coverall styles.
- NFPA 1990 (1994) Class 2 and NFPA 1990 (1992) styles available.
- Available in hi-vis orange and charcoal gray.
- AntiFog Expanded-View Visor System.
- Applications: Hazmat response, chemical handling, refueling operations, petrochemical operations, hazardous material clean-up and remediation, CWA incineration, remediation and disposal.
- For details on consolidation of NFPA1992 and NFPA1994 into NFPA 1990 visit kappler.com/NFPA1990.

Zytron® 500 gas-tight styles feature AntiFog Visor.
(note: comparison vs. standard visor shows Frontline® garment)

Zytron 500

ASTM F1001 Chemical Test Battery*

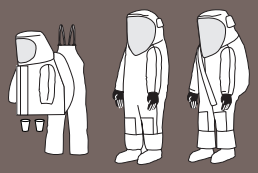
Chemical	Minutes
Acetone	>480
Acetonitrile	>480
Carbon Disulfide	>480
Dichloromethane	>480
Diethylamine	>480
Dimethylformamide	>480
Ethyl Acetate	>480
n - Hexane	>480
Methyl Alcohol	>480
Nitrobenzene	>480
Sodium Hydroxide	>480
Sulfuric Acid	>480
Tetrachloroethylene	>480
Tetrahydrofuran	>480
Toluene	>480
Gases	
Ammonia Gas	>480
1,3 Butadiene Gas	>480
Chlorine Gas	>480
Ethylene Oxide Gas	>480
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)	>480	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 1990 (1994) with breakthrough times reported based on total cumulative permeation.

Zytron® 500



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

Kappler's AntiFog Expanded-View Visor is standard on all gas-tight suits including NFPA-certified styles.

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.*

All Hazmat styles include 2N1® Glove System which eliminates the problem of inner glove inversion.

HazMat styles include seams that are sewn then double heat sealed/taped.

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.

Zytron 500 fabric does not contain PFAS Chemistry. PFAS found in FEP lens at this time.

For details on consolidation of NFPA1992 and NFPA1994 into NFPA 1990 visit kappler.com/NFPA1990 or scan this code.

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