

Kappler Zytron 500 Coveralls

Kappler Zytron 500 is the classic emergency responder choice for hazmat response and other demanding situations. It's tough, built for mobility, and based on patented technology that created the first material to survive eight full hours against the ASTM F1001 Test Battery with no breakthrough. Now with an extensive chemicals-tested list numbering in the hundreds, it's no wonder that responders around the world trust Kappler Zytron 500 garments for ultra-demanding Level A and Level B applications. **Made in America. [Submit a quote request and receive special discount pricing.](#)**



Two (2) Configurations



KAP-Z5H426



KAP-Z5H428

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	Item #	Features	Seam Type	Colors	Case QTY	Case Weight
	KAP-Z5H426	<ul style="list-style-type: none"> • Attached Hood with Elastic Face Opening • Front Entry Zipper with LongNeck Respirator-Fit Closure • Double Storm Flaps with Hook & Loop Closure • Elastic Wrists • Attached Sock Booties with Splash Guards 	Heat Sealed / Taped	Orange	3	20 lb / 9.07 kg
	KAP-Z5H428	<ul style="list-style-type: none"> • Attached Hood with Elastic Face Opening • Front Entry Zipper with LongNeck Respirator-Fit Closure • Double Storm Flaps with Hook & Loop Closure • Elastic Wrists and Ankles 	Heat Sealed / Taped	Orange	3	20 lb / 9.07 kg

Gases						
Gases	100XP	200	300	400	500	ChemTape
Ammonia Gas	NT	NT	39	NT	>480	NT
1,3 Butadiene	NT	NT	>480	NT	>480	NT
Chlorine Gas	NT	NT	>480	NT	>480	NT
Ethylene Oxide Gas	NT	NT	81	305	>480	NT
Hydrogen Chloride Gas	NT	NT	>480	NT	>480	NT
Methyl Chloride Gas	NT	NT	>480	NT	>480	NT

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Chemical Warfare Agent Data		
Chemical Agent	Zytron 300 Breakthrough Time	Zytron 300 Breakthrough Criteria
Bis (2-chloroethyl) sulfide (Mustard:HD)	>480 Minutes	4.0 ug/cm ²
Isopropyl methylfluorophosphonate (Sarin:GB)	>480 Minutes	1.25 ug/cm ²
Chlorovinyl arsinedichloride (Lewisite:L)	>240 Minutes	4.0 ug/cm ²
O-ethyl S-(2-diisopropylaminoethyl) methylphosphonothiolate (Nerve:VX)	>480 Minutes	1.25 ug/cm ²
Agent testing was conducted at Battelle Labs in accordance with MIL-STD-282 and/or NFPA 1994-2001 Edition Standard on Protective Ensembles for Chemical / Biological Terrorism Incidents.		

ASTM F1001 Chemical Test Battery*						
Chemical	100XP	200	300	400	500	ChemTape
Acetone	NT	17	>480	>480	>480	>480
Acetonitrile	NT	52	87	>480	>480	>480
Carbon Disulfide	NT	2	>480	>480	>480	>480
Dichloromethane	NT	2	70	88	>480	>480
Diethylamine	NT	21	>480	>480	>480	160
Dimethylformamide	NT	77	>480	>480	>480	>480
Ethyl Acetate	NT	14	>480	>480	>480	>480
n-Hexane	NT	7	>480	>480	>480	>480
Methyl Alcohol	NT	>480	55	>480	>480	>480
Nitrobenzene	NT	97	>480	>480	>480	>480
Sodium Hydroxide	>480	>480	>480	>480	>480	>480
Sulfuric Acid	>480	>480	>480	>480	>480	>480
Tetrachloroethylene	NT	21	>480	>480	>480	>480
Tetrahydrofuran	NT	3	>480	>480	>480	>480
Toluene	NT	6	>480	>480	>480	>480
*Normalized breakthrough times in minutes in accordance with ASTM F 739.						