

## Kappler Zytron 200 Coveralls

Kappler Zytron 200 Coveralls ups the protection level (from the Kappler Zytron 100XP Coveralls) for chemical workers through increased resistance to a wider range of chemicals and greater physical strength. This is especially valuable in applications where rip-out is a concern due to more demanding work conditions. Several configurations to choose from. Made in America. **Submit a quote request and receive special discount pricing.**



### Many Configurations



KAP-Z2B414



KAP-Z2B417



KAP-Z2B428



KAP-Z2H412



KAP-Z2H414








KAP-Z2H426



KAP-Z2H428

## Kappler Zytron 200 Coveralls

	Item #	Features	Seam Type	Colors	Case QTY	Case Weight
	KAP-Z2B414	<ul style="list-style-type: none"> <li>• Attached Hood with Elastic Face Opening</li> <li>• Front Entry Zipper with LongNeck Respirator-fit Closure</li> <li>• Single Storm Flap with Adhesive Tape Closure</li> <li>• Elastic Wrists</li> <li>• Attached Shoe/Boot Covers</li> </ul>	Bound	Gray	12	20 lbs / 9.07 kg
	KAP-Z2B417	<ul style="list-style-type: none"> <li>• Collar</li> <li>• Front Entry Zipper</li> <li>• Single Storm Flap with Adhesive Tape Closure</li> <li>• Elastic Wrists</li> <li>• Elastic Ankles</li> </ul>	Bound	Gray	12	15 lbs / 6.8 kg
	KAP-Z2B428	<ul style="list-style-type: none"> <li>• Attached Hood with Elastic Face Opening</li> <li>• Front Entry Zipper with LongNeck Respirator-fit Closure</li> <li>• Single Storm Flap with Adhesive Tape Closure</li> <li>• Elastic Wrists</li> <li>• Attached Shoe/Boot Covers</li> </ul>	Bound	Gray	12	20 lbs / 9.07 kg
	KAP-Z2H412	<ul style="list-style-type: none"> <li>• Collar</li> <li>• Front Entry Zipper</li> <li>• Double Storm Flaps with Hook &amp; Loop Closure</li> </ul>	Heat Sealed \ Taped	Gray	6	15 lbs / 6.8 kg
	KAP-Z2H414	<ul style="list-style-type: none"> <li>• Attached Hood with Elastic Face Opening</li> <li>• Front Entry Zipper with LongNeck Respirator-fit Closure</li> <li>• Double Storm Flaps with Hook &amp; Loop Closure</li> <li>• Elastic Wrists</li> <li>• Attached Shoe/Boot Covers</li> </ul>	Heat Sealed / Taped	Gray	6	20 lbs / 9.07 kg

## Kappler Zytron 200 Coveralls

	Item #	Features	Seam Type	Colors	Case QTY	Case Weight
	KAP-Z2H417	<ul style="list-style-type: none"> <li>• Collar</li> <li>• Front Entry Zipper</li> <li>• Double Storm Flaps with Hook &amp; Loop Closure</li> <li>• Elastic Wrists</li> <li>• Elastic Ankles</li> </ul>	Heat Sealed / Taped	Gray	6	15 lbs / 6.8 kg
	KAP-Z2H426	<ul style="list-style-type: none"> <li>• Attached Hood with Elastic Face Opening</li> <li>• Front Entry Zipper with LongNeck Respirator-fit Closure</li> <li>• Double Storm Flaps with Hook &amp; Loop Closure</li> <li>• Elastic Wrists</li> <li>• Attached Sock Booties with Splash Guards</li> </ul>	Heat Sealed / Taped	Gray	6	20lbs / 9.07 kg
	KAP-Z2B428	<ul style="list-style-type: none"> <li>• Attached Hood with Elastic Face Opening</li> <li>• Front Entry Zipper with LongNeck Respirator-fit Closure</li> <li>• Single Storm Flap with Adhesive Tape Closure</li> <li>• Elastic Wrists</li> <li>• Elastic Ankles</li> </ul>	Bound	Gray	12	20 lbs / 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

# Kappler Zytron 200 Coveralls

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 <sup>2</sup>
Isopropyl methylfluorophosphonate (Sarin:GB)	>480 Minutes	1.25 ug/cm <sup>2</sup>
Chlorovinyl arsinedichloride (Lewisite:L)	>240 Minutes	4.0 ug/cm <sup>2</sup>
O-ethyl S-(2-diisopropylaminoethyl) methylphosphonothiolate (Nerve:VX)	>480 Minutes	1.25 ug/cm <sup>2</sup>

*Agent testing was conducted at Battelle Labs in accordance with MIL-STD-282 and/or NEPA 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.