

ChemMAX™ 3



Ideal for the industrial environment as well as emergency responders and law enforcement, ChemMAX™ 3 uses the latest technology to produce a superior product. Durable and lightweight, ChemMAX™ 3 provides a barrier against a broad spectrum of toxic industrial chemicals, dual use chemicals, chemical warfare agents and other harmful contaminants.

The multi-layer film is applied to a heavy polypropylene nonwoven for increased strength and durability. The barrier film is significantly softer than other products on the market, resulting in a quiet, more comfortable garment.

Put your trust in a ChemMAX™ 3 garment and you will feel confident that you are doing your best to protect your team from the dangers lurking around them.



ChemMax™ 3 material has its roots in NATO shelter fabrics, and is backed up by chemical warfare test data (not surrogates).



ChemMax™ 3 provides a barrier against many toxic industrial chemicals.

Property	Test Method	Units	ChemMAX 3
Basis Weight	ASTM D3776	oz/sy	4.5
Grab Tensile MD	ASTM D5034	pounds	58.7
Grab Tensile XD		pounds	42.2
Trapezoidal Tear MD	ASTM D5733	pounds	25.6
Trapezoidal Tear XD		pounds	19.8
Ball Burst	ASTM D751	pounds	54.5

Challenge Chemical	CAS Number	Physical State	ChemMAX 3
Acetone	67-64-1	Liquid	>480
Acetonitrile	75-05-8	Liquid	>480
Ammonia Gas	7664-41-7	Gas	>480
1,3-Butadiene Gas	106-99-0	Gas	>480
Carbon Disulfide	75-15-0	Liquid	>480
Chlorine Gas	7782-50-5	Gas	>480
Dichloromethane	75-09-2	Liquid	>480
Diethylamine	109-89-7	Liquid	11
Dimethyl Formamide	68-12-2	Liquid	>480
Ethyl Acetate	141-78-6	Liquid	>480
Ethylene Oxide Gas	75-21-8	Gas	>480
n-Hexane	110-54-3	Liquid	>480
Hydrogen Chloride Gas	7647-01-0	Gas	>480
Methanol	67-56-1	Liquid	91
Methyl Chloride Gas	74-87-3	Gas	>480
Nitrobenzene	98-95-3	Liquid	>480
Sodium Hydroxide, 50%	1310-73-2	Liquid	>480
Sulfuric Acid, 98%	7664-93-9	Liquid	>480
Tetrachloroethylene	127-18-4	Liquid	>480
Tetrahydrofuran	109-99-9	Liquid	85
Toluene	108-88-3	Liquid	>480

ChemMax™ 3 Styles



Style C3T100
Coverall, collar, open wrists
and ankles.



Style C3T110
Coverall, collar, elastic wrists
and ankles.



Style C3T130
Coverall, hood, elastic face,
wrists and ankles.



Style C3T400
Encapsulated suit, rear
entry, flat back, 48" zipper,
storm flap, 20 mil PVC face
shield, elastic wrists, 1
exhaust port with shroud,
air tube inlet, attached sock
boots with boot flap.



Style C3T150
Coverall, hood, elastic face
and wrists, attached boots.



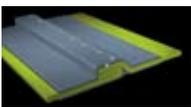
Style C3T151
Coverall, respirator-fit hood,
elastic face, elastic wrists
and attached boots.



Style C3T160
Coverall, hood, elastic
wrists, sock boots with flaps.



Style C3T450
Encapsulated suit, rear entry,
expanded back, 48" zipper,
storm flap, 20 mil PVC
face shield, elastic wrists, 2
exhaust ports with shroud,
air tube inlet, attached sock
boots with boot flap.



*ChemMax™ 3 is
available with
sealed seams
for maximum
protection.*

 **Lakeland**
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