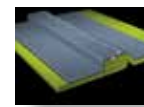


# ChemMax® 3

Heat Sealed Seams



Liquid Splash/Chemical Barrier



## Advanced chemical protection for industrial, emergency responder 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 Physical Properties

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
Surface Resistance	EN1149-1:2006	Pass/Fail	Pass

## Permeation Data for ASTM Recommended List of Chemicals for Evaluating Protective Clothing Materials (ASTM F1001)

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	178
Chlorine Gas	7782-50-5	Gas	>480
Dichloromethane	75-09-2	Liquid	>480
Diethylamine	109-89-7	Liquid	imm.
Dimethyl Formamide	68-12-2	Gas	>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	>480
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	320
Toluene	108-88-3	Liquid	>480

ND = None Detected

> = greater than

L = liquid

G = gas

Numbers reported are averages of samples tested by the ASTM F739 test method. Sample results do vary and therefore averages for these results are reported.

### Warnings:

1. ChemMax® 3 is not flame resistant and should not be used around heat, flame sparks, or in potentially flammable or explosive environments.
2. Garments made of ChemMax® 3 should have slip resistant or anti-slip materials on the outer surface of boots, shoe covers or other garment surfaces in conditions where slipping could occur.

**Note:** Chemical Resistance Data is in accordance with ASTM F-739 test method. Testing is performed on fabric samples only, not finished garments. Sources for all test data are independent laboratory conditions and not actual use conditions.



**C3T110**  
Coverall, collar, storm flap over zipper, elastic wrists and ankles.  
**Sizes:** S – 5XL  
**Case Pack:** 6



**C3T130**  
Coverall, hood, storm flap over zipper, elastic face, wrists and ankles.  
**Sizes:** S – 5XL  
**Case Pack:** 6



**C3T150**  
Coverall, hood, elastic face and wrists, storm flap over zipper, attached boots.  
**Sizes:** S – 5XL  
**Case Pack:** 6



**C3T151**  
Coverall, respirator-fit hood, elastic face, storm flap over zipper, elastic wrists and attached boots.  
**Sizes:** S – 5XL  
**Case Pack:** 6



**C3T165N NFPA 1992, 2007 Edition**  
Coverall, attached respirator-fit hood, double storm flap with hook and loop closure, elastic face and wrists, attached boots with boot flaps, sealed seams.  
**Sizes:** S – 5XL  
**Case Pack:** 6



**C3T166**  
Coverall, respirator fit hood, double storm flap over zipper, elastic wrists and ankles, Velcro® closure over zipper.  
**Sizes:** S – 5XL  
**Case Pack:** 6



**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. Suit is not gas/vapor tight.  
**Sizes:** S – 5XL  
**Case Pack:** 1



**C3T450, Level B**  
Encapsulated suit, rear entry, expanded back, 48" zipper, double storm flap, 20 mil PVC face shield, elastic wrists, 2 exhaust ports with shroud, attached sock boots with boot flap. Suit is not gas/vapor tight.  
**Sizes:** S – 5XL  
**Case Pack:** 1