



ChemMax[®] 4 Plus

*Heavy Duty Chemical Splash Protection
that is high in performance and comfort!*

Supported by

PermaSURE[®]

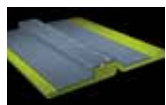


Maximum Protection!

- Advanced chemical barrier
- Heat Sealed seams on all styles
- Respirator Fit Hoods for maximum protection
- Expanded chemical data with higher hold-out times
- Protective boot "socks" on select styles

Specifications:

Fabric: ChemMax[®] 4 Plus



Seams: Heat Sealed

Colors: Yellow and Tan



Maximum Features!

*Respirator Fit Hoods
standard on all hooded
styles*

*Seams sewn and heat
sealed with chemical
protective tape*

*Storm flap closure over
zipper with pressure
sensitive tape to secure*



Lakeland[®]
Protect Your People[™]

ChemMax® 4 Plus Physical Properties

Property	Test Method	Units	ChemMax® 4 Plus
Basis Weight	ASTM D3776	oz/sy	7.5
Grab Tensile MD	ASTM D5034	pounds	93.4
Grab Tensile XD		pounds	80.3
Trapezoidal Tear MD	ASTM D5733	pounds	24.4
Trapezoidal Tear XD		pounds	18.7
Ball Burst	ASTM D751	pounds	83

ChemMax® 4 Plus Permeation Testing - ASTM F1001

Challenge Chemical	CAS Number	Physical State	ChemMax® 4
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	>480
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	>480
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:

- ChemMax® 4 Plus is not flame resistant and should not be used around heat, flame sparks, or in potentially flammable or explosive environments.
- Garments made of ChemMax® 4 Plus 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.

Style Numbers:



Coverall PS42110 (Tan)

- Collar
- Storm Flap over Zipper
- Elastic Wrists and Ankles

Sizes: S – 5X

Case Pack: 6



Coverall PS42132 (Tan)

- Respirator Fit Hood
- Storm Flap over zipper
- Elastic face, wrists and Ankles

Sizes: S – 5X

Case Pack: 6



Coverall PS41151 (Yellow) PS42151 (Tan)

- Respirator-fit hood
- Storm flap over zipper
- Elastic face and wrists
- Attached boots

Sizes: S – 5X

Case Pack: 6



Coverall PS41165 (Yellow) PS42165 (Tan)

- Attached respirator-fit hood
- Double storm flap
- Hook and loop closure
- Elastic face and wrists
- Attached boots with boot flaps

Sizes: S – 5X

Case Pack: 6



Coverall PS42166 (Tan)

- Respirator Fit Hood
- Double Storm Flap with hook and loop closure
- Elastic Wrists and Ankles

Sizes: S – 5X

Case Pack: 6



Hood Short Bib Style PS41714 (Yellow)

20 mil PVC lens.

Sizes: One Size

Case Pack: 6



Boot Covers PS41714 (Yellow)

Elastic top

Sizes: One Size

Case Pack: 12 pair



Level B Encapsulated Suit PS41400 (Yellow)

- Rear entry
- Flat back
- 48" zipper
- Double 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: M – 4XL

Case Pack: 3



Level B Encapsulated Suit PS41450 (Yellow) PS42450 (Tan)

- Rear entry
- Expanded back
- 48" zipper
- Double storm flap
- 20 mil PVC face shield
- Elastic wrists
- 2 exhaust ports with shroud
- Air tube inlet
- Attached sock boots with boot flap
- Suit is not gas/vapor tight

Sizes: M – 4XL

Case Pack: 3

Supported by



Calculate safe use times
and access information
on 4,000+ chemicals with
PermaSURE.



Protect Your People™

800-645-9291 | 256-350-3873 | info@lakeland.com | lakeland.com

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