CHEMMAX® 2

ChemMax® 2 Applications

Chemical Mixing and Handling

Environmental Clean Up

Hazardous Material Remediation

Bound Seam

Heat Sealed Seam

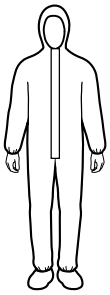
Quality, Value, Durability with the Proven Protection of Saranex® 23P Barrier Film

Lakeland®

ChemMax® 2 is useful in protecting against hazardous chemicals and contaminants found in the work place and is a superior and economical chemical protective suit developed using the knowledge and expertise that you have come to expect from Lakeland®.

The unparalleled strength and softness features a Saranex® 23P film on two layers of a unique bi-component spunbond nonwoven substrate which provides protection for chemical mixing and handling, environmental clean-up, hazardous materials remediation and response, pharmaceutical manufacturing, spray painting and general industry.

ChemMax® 2 Coveralls

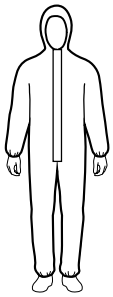


Coverall
C2B414
Bound Seam
- Zipper with storm flap
- Attached hood
- Attached boots
- Elastic wrists

Sizes: S – 5XL
Case Pack: 12

Coverall
C2B417
Bound Seam
- Zipper with storm flap
- Elastic wrists
- Elastic ankles

Sizes: S – 5XL
Case Pack: 12



Coverall
C2B428
Bound Seam
- Zipper with storm flap
- Attached hood
- Elastic wrists
- Elastic ankles

Sizes: S – 5XL
Case Pack: 12

Coverall
C2T110
Sealed Seam
- Collar
- Storm flap over zipper.
- Elastic wrists
- Elastic ankles

Sizes: S – 5XL
Case Pack: 6

Coverall
C2T132
Sealed Seam
- Respirator fit hood
- Zipper with storm flap
- Elastic face
- Elastic wrists
- Elastic ankles

Sizes: S – 5XL
Case Pack: 6

Coverall
C2T151
Sealed Seam
- Respirator fit hood
- Zipper with storm flap
- Attached hood
- Elastic wrists
- Attached boots

Sizes: S – 5XL
Case Pack: 6

Coverall
C2T165
Sealed Seam
- Respirator fit hood
- Storm flap over zipper
- Attached boots with boot flaps
- Velcro® closure over zipper

Sizes: S – 5XL
Case Pack: 6

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ChemMax® 2 Brand Features

Moderate to high level chemical protection

Bound and sealed seam configurations

2-layer (PP/PE) substrate

20% stronger than competitive fabrics

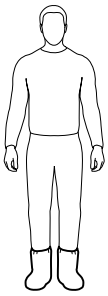
ChemMax® 2 Configurations

Apron
C2B657
Bound Seam
- Long sleeves
- Waist ties

Sizes: 28" x 53"
Case Pack: 50

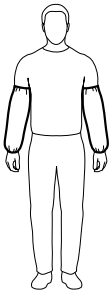
Apron
C2T730
Sealed Seam
- Long sleeves
- Elastic wrists
- Hook and loop straps at neck
- Material ties in back

Sizes: 28" x 53"
Case Pack: 12



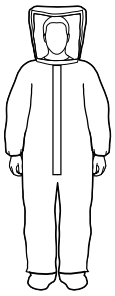
Boot Covers
C2T740P
Sealed Seam
- Elastic top
- 17" high (extends over calf

Sizes: S/M, LG/XL, 2X
Case Pack: 12 pair



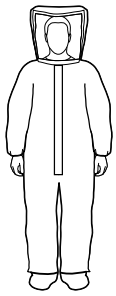
Sleeve
C2B850P-18
Bound Seam
- Elastic ends

Sizes: 18" length
Case Pack: 100 pair



Level B Encapsulated Suit
C2T400 - Flat Back
- Rear entry
- Flat back
- 48" zipper
- Storm flap
- 20 mil Vinyl 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
C2T450 - Expanded Back
- Rear entry
- Expanded back
- 48" zipper
- Double storm flap with hook and loop
- 20 mil Vinyl 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

ChemMax® 2 Physical Properties

Property	Test Method	Units	Test Results
Basis Weight	ASTM D3776	oz./sq. yd	4.3
Grab Tensile MD	ASTM D5034	pounds	47
Grab Tensile XD		pounds	33.9
Trapezoidal Tear MD	ASTM D5733	pounds	29.95
Trapezoidal Tear XD		pounds	12.47
Ball Burst	ASTM D751	pounds	48
Surface Resistance	EN1149	Ω	Pass

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

Challenge Chemical	CAS Number	Physical State	Normalized Breakthrough
Acetone	67-64-1	Liquid	>480
Acetonitrile	75-05-8	Liquid	390
Ammonia Gas	7664-41-7	Gas	imm.
1,3-Butadiene Gas	106-99-0	Gas	>480
Carbon Disulfide	75-15-0	Liquid	imm.
Chlorine Gas	7782-50-5	Gas	>480
Dichloromethane	75-09-2	Liquid	imm.
Diethylamine	109-89-7	Liquid	165
Dimethyl Formamide	68-12-2	Gas	>480
Ethyl Acetate	141-78-6	Liquid	21
Ethylene Oxide Gas	75-21-8	Gas	>480
n-Hexane	110-54-3	Liquid	>480
Hydrogen Chloride Gas	7647-01-0	Gas	>410
Methanol	67-56-1	Liquid	>480
Methyl Chloride Gas	74-87-3	Gas	>480.
Nitrobenzene	98-95-3	Liquid	45
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	imm.
Toluene	108-88-3	Liquid	imm.

ND = None Detected
> = greater than
L = liquid
G = gas
Numbers reported are averages of samples tested by the ASTM F739 test method. Sample results vary and therefore averages for these results are reported.

Warnings:
1. ChemMax® 2 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® 2 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.*

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NEW

ChemMax® 2 Bound Seam coveralls now feature blue binding for easier identification.

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