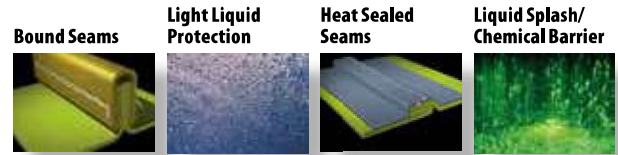
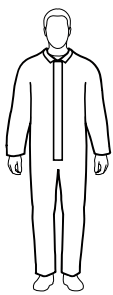


# ChemMax® 2



## ChemMax® 2 offers quality, value, durability and the proven protection of Dow Saranex® 23P barrier film

ChemMax® 2 is the second level of barrier protection in the new ChemMax® line of products from Lakeland Industries. ChemMax® 2 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 of ChemMax® 2 features Dow Saranex® 23P film on two layers of a unique bi-component spunbond nonwoven substrate and provides protection for chemical mixing and handling, environmental clean up, hazardous materials remediation and response, pharmaceutical manufacturing, spray painting and general industry. ChemMax® 2 is useful in protecting against hazardous chemicals and contaminants found in the work place.



### Coverall C44412 Bound Seam

- Zipper with storm flap
- Sizes:** S – 5XL
- Case Pack:** 12



### Coverall C44414 Bound Seam

- Zipper with storm flap
- Attached hood
- Attached boots
- Elastic wrists
- Sizes:** S – 5XL
- Case Pack:** 12



### Coverall C44417 Bound Seam

- Zipper with storm flap
- Elastic wrists
- Elastic ankles
- Sizes:** S – 5XL
- Case Pack:** 12



### Coverall C44428 Bound Seam

- Zipper with storm flap
- Attached hood
- Elastic wrists
- Elastic ankles
- Sizes:** S – 5XL
- Case Pack:** 12



### Coverall C72110 Sealed Seam

- Collar
- Storm flap over zipper.
- Elastic wrists
- Elastic ankles
- Sizes:** S – 5XL
- Case Pack:** 6



### Coverall C72130 Sealed Seam

- Zipper with storm flap
- Elastic face
- Elastic wrists
- Elastic ankles
- Sizes:** S – 5XL
- Case Pack:** 6



### Coverall C72150 Sealed Seam

- Zipper with storm flap
- Attached hood
- Elastic wrists
- Attached boots
- Sizes:** S – 5XL
- Case Pack:** 6



### Coverall C72165 Sealed Seam

- Respirator fit hood
- Storm flap over zipper
- Attached boots with boot flaps
- Velcro® closure over zipper
- Sizes:** S – 5XL
- Case Pack:** 6

## ChemMax® 2 Physical Properties

| Property            | Test Method   | Units     | ChemMax® 2 |
|---------------------|---------------|-----------|------------|
| Basis Weight        | ASTM D3776    | oz/sy     | 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  | EN1149-1:2006 | 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® 2 |
|-----------------------|------------|----------------|------------|
| Acetone               | 67-64-1    | Liquid         | 9          |
| Acetonitrile          | 75-05-8    | Liquid         | <15        |
| Ammonia Gas           | 7664-41-7  | Gas            | 15         |
| 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         | imm.       |
| Dimethyl Formamide    | 68-12-2    | Gas            | 18         |
| Ethyl Acetate         | 141-78-6   | Liquid         | 21         |
| Ethylene Oxide Gas    | 75-21-8    | Gas            | 24         |
| n-Hexane              | 110-54-3   | Liquid         | 21         |
| 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         | imm.       |
| 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 do 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.