

LAKELAND CHEMMAX-2 SUIT

Lakeland 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.

TYPE 3-B	TYPE 4-B	TYPE 5-B	TYPE 6-B	EN 1073-2	EN 1149-1	EN 14126	EN 340
Liquid Tight Suits.	Spray Tight Suits.	Dry Particle Suit.	Reduce Spray Suit	Nuclear Particle	Electrostatic Properties	Biological Protection	Chemical Protection

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

Permeation Test Data*

Liquid chemicals from EN 6529 Annex A. for a full list of chemicals tested see Permeation Data Tables or Chemical Search at www.lakeland.com/europe. Tested at saturation unless stated.

Chemical	CAS No.	ChemMAX 2	Brand C	Brand D
		CE Class	CE Class	CE Class
Acetone	67-64-1	6	6	6
Acetonitrile	70-05-8	6	6	6
Carbon Disulphide	75-15-0	Imm	6	Imm
Dichloromethane	75-09-2	Imm	Imm	Imm
Diethylamine	209-89-7	NT	6	Imm
Ethyl Acetate	141-78-6	6	6	6
n-Hexane	110-54-3	6	6	6
Methanol	67-56-1	6	6	6
Sodium Hydroxide (30%)	1310-73-2	6	NA	6
Sulphuric Acid (96%)	7664-93-9	6	6	6
Tetrahydrofuran	109-99-9	3	6	6
Toluene	95-47-6	Imm	6	6

*NB=normalized breakthrough. This is the taken for the PERMEATION RATE to each 1.0µg/ minute/cm² in controlled laboratory conditions at 23°C. It is NOT the point at which breakthrough first occurs.

For safe use times see Selection Guide and PermaSURE®.

Physical Properties

Property	EN Standard	ChemMAX 2	Brand C	Brand D
		CE Class	CE Class	CE Class
Abrasion resistance	EN 530	6	6	6
Flex Cracking	ISO 7854	6	1	5
Trapezoidal tear	ISO 9073	5	2	3
Tensile strength	EN 13934	3	3	2
Puncture resistance	EN 863	2	2	2
Burst Strength	ISO 2960	2	NA	2
Seam Strength	ISO 5082	4	4	4

Areas shaded green indicate where ChemMAX® 2 is either equal to or better than the equivalent brand C and D Products.

ChemMAX® 2 Styles



Style Code 428
Coverall with Hood, elastic cuffs, waist & ankles, Double front zip fastening, kneepads.
Sizes: S - XXXL



Style Code 414
Coverall with hood and attached boot, elastic cuffs, waist & ankles
Double front zip fastening, cushioning kneepads.
Sizes: S - XXXL



Style Code 145 Coat
Coat with Hood, Zipper closure, elastic cuffs & waist.



Style Code 301
Pants with elastic waist and ankles.



Style Code 712
Cape Hood with rear inlet pigtail, PVC face shield.

A.B.C. BROTHERS TECH (I) PRIVATE LIMITED

"ABC HOUSE" 14/15, Shivam Estate, Nr. Ujala Circle, B/h. SBI & Deepkamal Bajaj, S. G. Highway, Sarkhej, AHMEDABAD-382210. GUJARAT, INDIA
 ☎ +91 79 2689 0331 / 4 / 9 ☎ +91 99099 88233, +91 99099 88198 / 7 / 6 ✉ info@abcbrothers.in 🌐 www.abcbrothers.in