

LAKELAND CHEMMAX-3 SUIT

Product Code:

Model: LAKELAND ChemMax 3

Approvals CE marked to EN 1149 Antistatic

Limited use coverall made using multi-layer composite technology featuring a proprietary barrier film laminated SBPP to enable an effective high barrier to a wide range of hazardous chemicals.

Features:

- EVOH barrier film provides the ultimate chemical barrier film in disposable material.
- Constructed with stitched and taped seams for superior protection and strength.
- Design features for double zips/ storm flap front fastening for improved protection and quick and easy donning and removal.
- Despite the high chemical barrier, ChemMAX 3 material is surprisingly soft flexible and light.
- Reinforced knee-pads for comfort and durability.
- Grey Color for easy identification
- Available Color:

Grey

Orange



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 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	6	6	Imm
Dichloromethane	75-09-2	6	Lmm	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	6	6	6
Toluene	95-47-6	6	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				
		ChemMAX 2	Brand C	Brand D
Property	EN Standard	CE Class	CE Class	CE Class
Abrasion resistance	EN 530	2	6	6
Flex Cracking	ISO 7854	4	1	5
Trapezoidal tear	ISO 9073	4	2	3
Tensile strength	EN 13934	2	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® 3 Styles



Style Code 428
Coverall with Hood, elastic cuffs, waist & ankles. Double front zip fastening cushioned kneepads.



Style Code 414
Coverall with hood and attached boot, elastic cuffs, waist & ankles. Double front zip fastening, cushioned kneepads.



Style Code 430
Coverall 'plus' version with attached boot flap and double cuffs.



Style Code 145
Coat with hood, zipper closure, elastic cuffs & waist.



Style Code 301
Pant with elastic waist and ankles.



Style Code 400
Level B encapsulated suit rear entry, PVC face shield. Flat back, which can connect the air tube.



Style Code 428
Level B encapsulated suit rear entry, PVC face shield. Expanded back for SCBA.

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

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