

LAKELAND CHEMMAX-4 SUIT

Product Code:

Model: LAKELAND ChemMax 4

Approvals Meet the requirement of ASTM F1001.

This line of high performance chemical protection can be used in work environment where hazardous contaminants may be present ChemMax 4 is at the top of the ChemMax line of clothing. ChemMax 4 features a 6 layers protective barrier that will stand up to the toughest of hazardous chemical.

Features:

- High density polyethylene film barrier laminated to spunbond polypropylene substrate.
- Lightweight and flexible material for optimum comfort and protection.
- Reinforced knee-pads for comfort & durability.
- Bright Yellow color for easy identification.
- Constructed with stitched and taped seams for superior protection and strength.
- Design features double zips / storm flap front fastening for improved protection and quick and easy donning and removal
- Meet the requirement of ASTM F1001.



TYPE 3-B	TYPE 4-B	TYPE 5-B	TYPE 6-B	EN 1073-2	EN 14126	EN 340
Liquid Tight Suits.	Spray Tight Suits.	Dry Particle Suit.	Reduce Spray Suit	Nuclear Particle	Biological Protection	Chemical Protection
Physical Properties						
Property	EN Standard	Brand C CE Class	Brand D CE Class	ChemMAX 4 CE Class	Brand E CE Class	Brand F CE Class
Abrasion resistance	EN 530	6	6	6	6	6
Flex Cracking	ISO 7854	1	5	2	1	1
Trapezoidal tear	ISO 9073	2	3	6	5	3
Tensile strength	EN 13934	3	2	4	34	4
Puncture resistance	EN 863	2	2	2	2	2
Burst Strength	ISO 2960	NA	2	4	NA	NA
Seam Strength	ISO 5082	4	4	TBA	5	5

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

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.	Brand C CE Class	Brand D CE Class	ChemMAX 4 CE Class	Brand E CE Class	Brand F CE Class
Acetone	67-64-1	6	6	6	6	6
Acetonitrile	70-05-8	6	6	6	6	6
Carbon Disulphide	75-15-0	6	Lmm	6	6	6
Dichloromethane	75-09-2	Lmm	Lmm	6	6	6
Diethylamine	209-89-7	6	Lmm	6	6	6
Ethyl Acetate	141-78-6	6	6	6	6	6
n-Hexane	110-54-3	6	6	6	6	6
Methanol	67-56-1	6	6	6	6	6
Sodium Hydroxide (30%)	1310-73-2	NA	6	6	6	6
Sulphuric Acid (96%)	7664-93-9	6	6	6	6	6
Tetrahydrofuran	109-99-9	6	6	6	6	6
Toluene	95-47-6	6	6	6	6	6
Chemical-Gas						
Ammonia 99%	7664-41-7	6	6	6	6	6
Chlorine 99.5%	7782-50-5	6	6	6	6	6
Hydrogen Chloride (99%)	7647-01-0	6	6	6	6	6

*NB-normalized breakthrough. This is 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®.



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.

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

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