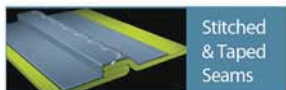


## ChemMax® 1

Product code CT15428



Stitched & Taped Seams



### Lightweight coverall for Type 3 & 4 protection against a wide range of chemicals - 78gsm.

- Very lightweight, soft and flexible fabric.
- Low noise level - improved comfort and safety
- Very cost effective Type 3 & 4 chemical protection.
- Infectious Agent Barrier - passes at highest classes in all four EN 14126 bio-hazard tests (version used extensively by UK Government health workers in 2015 West African Ebola Crisis).
- Cushioned double-layer knee pads for increased comfort and safety.
- Improved Super-B style coverall: superior fit, wearability and durability.
- Three-piece hood, inset sleeves and diamond crotch gusset results in best fitting garment on the market.
- New design three-piece hood with tapered centre piece for superior face and respirator mask fit.
- New higher neck and zip flaps for improved face/neck protection.
- Double zip & storm flap front fastening for safe and secure protection.

#### Physical Properties

Property	EN Standard	ChemMax® 1	Brand A	Brand B
		CE Class	CE Class	CE Class
Abrasion Resistance	EN 530	2	5	3
Flex Cracking	ISO 7854	1	3	6
Trapezoidal Tear	ISO 9073	3	1	2
Tensile Strength	EN 13934	3	3	2
Puncture Resistance	EN 863	2	2	2
Surface Resistivity	EN 1149	Pass	Pass	Pass
Seam Strength	ISO 5082	170N	>125N	>125N

#### 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](http://www.lakeland.com/europe). Tested at saturation unless stated.

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

\* NB = normalised breakthrough. This is the time taken for the PERMEATION RATE to reach 1.0µg/minute/cm² in controlled laboratory conditions at 23°C. It is NOT the point at which breakthrough first occurs. For "Safe Use Time" log on to [www.lakeland-permeasure.com](http://www.lakeland-permeasure.com)

Areas shaded green indicate where ChemMax® 1 is either equal to or better than the equivalent brand A and B products.

#### ChemMax® 1 Styles



**Style code 428**  
Coverall with hood, cuffs, waist & ankles. Double front zip fastening, cushioned kneepads

Sizes: S - XXXL



**Style code L428**  
Coverall with elasticated hood, cuffs, waist & ankles. Double front zip fastening, cushioned kneepads, thumb loops.

Sizes: S - XXXL



**Style code 430**  
Coverall "Plus" version with attached feet/boot flap and double cuffs.

Sizes: S - XXXL



**Style code 430G**  
Coverall with hood and attached feet. Double zip/storm flap, double cuff with attached gloves(1) using Push-Lock(2) connection system.

(1) See page 46 for specification  
(2) See page 32 for detail



**Style code 527**  
Smock / Gown with rear entry / ties and elasticated cuffs  
Sizes: M - XL



**Style code 025**  
Apron with ties  
Sizes: M - XL



**Style code 024**  
Sleeves  
Size: One size



**Style code 023NS**  
Overboots with anti-slip sole  
Sizes: L - XL



**Style code 021**  
Cape hood with rear inlet pigtail  
Size: One size

Available in: Yellow  Green