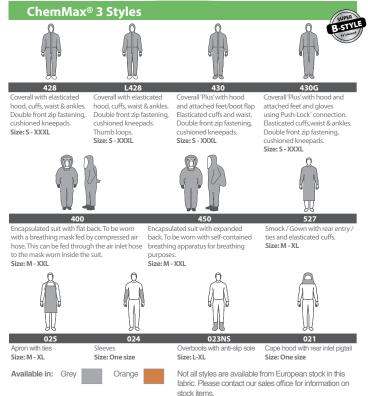
ChemMax<sup>®</sup> 3 Powered by PermaSURE<sup>®</sup>







## Superior multi-layer barrier films laminated to spunbond PP substrate - 170gsm.

- Extruded fabric construction. Results in smoother and more consistent fabric than bonded or glued competitors.
- Superior softness and flexibility and more consistent chemical barrier (no 'pinching' or thinner bond points as seen in competitor fabrics).
- European manufactured fabric, tested against a full range of chemical warfare agents for anti-terror and civil defence operations.
- Very low noise level. Safer and improved comfort.
- 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						
		ChemMax® 3	Brand C	Brand D		
Property	EN Standard	CE Class	CE Class	CE Class		
Abrasion Resistance	EN 530	6	6	6		
Flex Cracking	ISO 7854	4	1	5		
Trapezoidal Tear	ISO 9073	5/4	2	3		
Tensile Strength	EN 13934	3	3	2		
Puncture Resistance	EN 863	2	2	2		
Burst Strength	EN 13938	2	NA	2		
Seam Strength	EN 13935-2	4	4	4		

## 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.

		ChemMax® 3	Brand C	Brand D
Chemical	CAS No.	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	lmm
Dichloromethane	75-09-2	6	lmm	lmm
Diethylamine	209-89-7	NT	6	lmm
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
Tetrahydrafurane	109-99-9	6	6	6
Toluene	95-47-6	6	6	6

\* NB = normalised breakthrough. This is the time taken for the PERMEATION RATE to reach 1.0µg/minute/ cm<sup>2</sup> 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®.

Areas shaded green indicate where ChemMax<sup>®</sup> 3 is either equal to or better than the equivalent brand C and D products.



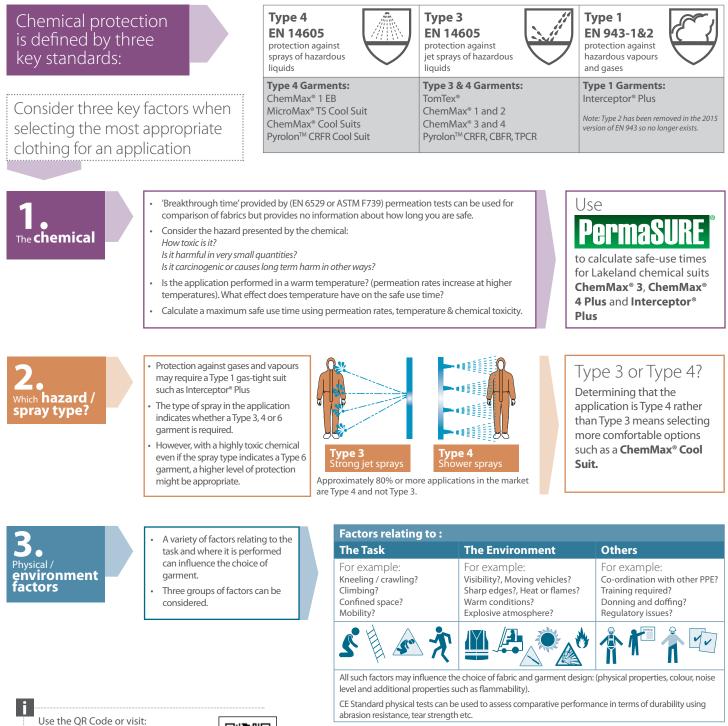
<sup>®</sup> <u>Use PermaSURE<sup>®</sup> to quickly calculate</u> <u>safe wear times for ChemMax<sup>®</sup> 3</u>





## Clothing For Protection against Hazardous Chemicals

Selecting the right chemical suit for the job is vital to ensure not only are workers properly protected but that they are not overprotected – which could mean paying more than you need for PPE and that workers suffer more discomfort than necessary.



https://www.lakeland.com/au/resourc es/ documents-gallery to download the complete 'Guide

to selection of Type 3 & 4 Chemical Protective Clothing', other guides and product sheets.



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\* Competitor brand results are from competitors' own websites and were correct at the time of publication. Users are recommended to check up to date information with competitors before making any assessment based on specific chemicals. Other chemical test results may be available from competitors.

## 🛿 Lakeland