

Proprietary established chemical barrier film laminated to spunbond PP substrate -135gsm

- Extremely soft and flexible compared to coveralls offering similar protection level.
- White with grey seams for easy identification & high visibility.
- · Low noise level improved comfort and safety.
- Low price compared to other coveralls offering similar protection.
- Permeation testing achieves similar or better result on 66% of 100 chemicals tested compared to more expensive competitors.
- · 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 center 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® 2	Brand C	Brand D		
Property	EN Standard	CE Class	CE Class	CE Class		
Abrasion Resistance	EN 530	б	б	6		
Flex Cracking	ISO 7854	6	1	5		
Trapezoidal Tear	ISO 9073	4	2	3		
Tensile Strength	ength EN 13934		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® 2	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	lmm	6	lmm
Dichloromethane	75-09-2	lmm	lmm	lmm
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
Tetrahydrafurane	109-99-9	3	6	6
Toluene	95-47-6	Imm	6	6

 * NB = normalised breakthrough. This is the time taken for the PERMEATION RATE to reach 1.0µg/minute/cm2 in controlled laboratory conditions at 23oc. 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® 2 is either equal to or better than the equivalent brand C and D products.



ChemMax[®] 1 Styles



Coverall 'Plus'

with hood and

flap, Elasticized

cuffs and waist.

Size: S - XXXL

Double front zip fastening, cushioned kneepads.

attached feet/boot





C2T730 Smock / Gown with rear entry / ties and elasticized cuffs. **Size: M - XL** C2T735 Apron with ties Size: One Size

400

Encapsulated suit with flat back. To be worn with

compressed air hose. This can be fed through the air

inlet hose to the mask worn

a breathing mask fed by

inside the suit. Size: M - XXL



HOU Encapsulated suit with expanded back. To be worn with self-contained breathing apparatus for breathing purposes. Size: M - XXL



C2T740 Overboots with anti-slip sole Size: L-XL





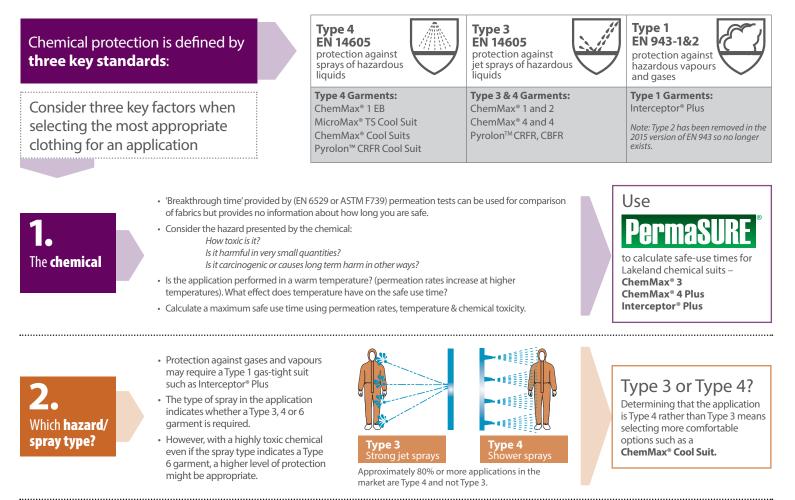
front zip fastening,

cushioned

kneepads. Size: S - XXXL

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 over-protected – which could mean paying more than you need for PPE and that workers suffer more discomfort than necessary.





- A variety of factors relating to the task and where it is performed can influence the choice of garment.
 - Three groups of factors can be considered.

Factors relating to :			
The Task	The Environment	Others	
For example: Kneeling / crawling? Climbing? Confined space? Mobility?	For example: Visibility?, Moving vehicles? Sharp edges?, Heat or flames? Warm conditions? Explosive atmosphere?	For example: Co-ordination with other PPE? Training required? Donning and doffing? Regulatory issues?	
* 🔊 🕴			

All such factors may influence the choice of fabric and garment design: (physical properties, colour, noise level and additional properties such as flammability).

CE Standard physical tests can be used to assess comparative performance in terms of durability using abrasion resistance, tear strength etc.

Use the QR Code or visit:

https://www.lakeland.com/canada/brands/chemmax-1

For more information about the factors that contribute to ensuring you select the most appropriate and effective chemical suit for the job, along with details on how to assess safe-wear times, download our **Guide to Chemical Suit Selection**



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www.lakeland.com/ca