PVC Chemical Protective Clothing



PVC Chemical Protective Clothing Styles



Size: S - XXXL
Available in: Yellow



A limited number of chemicals have been tested against Lakeland PVC material. More tests can be conducted on request. ChemMax[®] garments provide a more comprehensive protection against a much wider range of chemicals.

See our full chemical permeation database which can be downloaded at https://www.lakeland.com/europe/resources/documents-gallery



Lightweight PVC coverall and two piece ensemble for protection against splashes and sprays of liquid chemicals

- Superior lightweight PVC fabric weight 310gsm.Lighter than most PVC coveralls
- Zip front fastening with double storm flap and hook & loop closure
- Certified to EN 14605 Type 3 & 4 for protection against liquid and jet chemical sprays
- Anti-static certified to EN 1149-5:tested to EN 1149-3 (charge decay)
- Stitched and taped sealed seams
- Tested for up to 20 washes at 30°C*
- Coverall features <u>Super-B style</u> with 3-piece respirator-fit hood, crotch gusset and inset sleeves for superior freedom of movement
- Jacket features respirator-fit drawstring hood and zip front with double storm flap and hook and loop fastening
- Bib & Brace style pants with adjustable braces and quick release snaps
- Ideal for petrochemical applications such as tank cleaning and chemical storage applications, agricultural applications and chemical handling

* Physical properties and permeation tests conducted before washing. Garments contaminated with chemicals should not be washed and re-used. Inspect all garments before re-use; garments that are damaged or worn should not be re-used.

Physical Properties			
Property	EN Standard	CE Class	
Abrasion Resistance	EN 530	6	
Flex Cracking	ISO 7854	6	
Trapezoidal Tear	ISO 9073	2	
Tensile Strength	EN 13934	3	
Puncture Resistance	EN 863	3	
Seam Strength	EN 13935	4	
Anti-Static	EN 1149-3	$t_{_{50}} = 0.89s$	

Chemical Permeation - EN 6529			
Chemical	CAS No.	CE Class	
Acetic Acid 30%	64-19-7	6	
Hydrochloric Acid 30%	7647-01-0	6	
Phenol/Sodium Hydroxide 1:1	139-02-6	6	
Sodium Hydroxide 50%	1310-73-2	6	
Sodium Hypochlorite	7681-52-9	6	
Sulphuric Acid 50%	7664-93-9	6	
* NB = normalised breakthrough. This is the time taken for the PERMEATION RATE to reach 1.0µg/ minute/cm ² in controlled laboratory conditions at 23°c. It is NOT the point at which breakthrough			

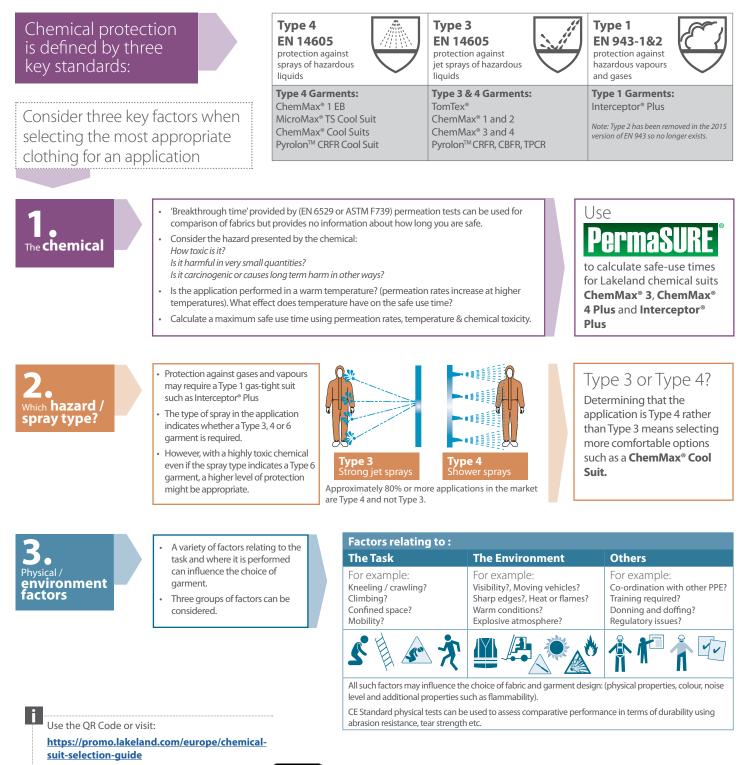
first occurs. For safe use times see Selection Guide and PermaSURE®.

Note that when contaminated a chemical may permeate into the fabric and washing or decontamination may not remove it. In this case when re-using the normalized breakthrough may be lower than indicated by a test. For this reason we do not advise re-use of heavily contaminated garments. Where garments may have been contaminated and are to be re-used additional care must be taken during donning to ensure users do not make contact with any residual contamination that has not been removed.



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.



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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* 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.

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