MicroMax[®] NS









MicroMax[®] NS Styles Style code 428 Style code L428 Style code 414 Style code L414 Coverall with Coverall with elasticated hood, cuffs with thumb loops, Coverall with Coverall with elasticated hood. elasticated hood, cuffs elasticated hood. with thumb loops waist & ankles. cuffs, waist and attached socks. cuffs, waist & ankles waist, ankles and attached socks Sizes: S - XXXL Sizes: S - XXXL Sizes: S - XXXL Sizes: S - XXXI Style code 412 Style code 101 Style code 024 Style code 020 Coverall with collar Lab coat with two hip 50cm sleeves with Cape hood with elasticated pockets. 4 stud fastening elasticated cuffs, thumb elasticated ends. face opening. loops, waist & ankles. Size: One size Size: M - XI Size: M - XL Size: One size Style code 022 - Standard overshoes with elasticated top Size: One size Style code 022NS - Overshoes with elasticated top, anti-slip sole Size: One size Style code 022ANS - Overshoes with elasticated top, anti-static sole Size: One size Style code 023NS - Overboots with elasticated top, 2 ankle ties and anti-slip sole Size: One size Available in: White Orange

Not all styles are available from European stock in this fabric. Please contact our sales office for information on stock items.

High quality microporous film laminate fabric provides superior liquid resistance against liquids, light oils and light sprays of liquid chemicals.

- Soft and flexible high quality microporous film laminate offers excellent combination of protection and comfort.
- High moisture vapour transmission rate allows escape of vapour to maintain comfort.
- Fabric passes all tests in EN 14126 infectious agent standard. However, we recommend only garments featuring sealed seams such as MicroMax[®] TS should be used for biological hazards.
- Lakeland "Super-B" ergonomic styling unique combination of three design elements to optimise fit, durability and freedom of movement.
- Three piece hood for rounder head shape and greater comfort.
- Inset sleeves torso shaped to body to mazimise freedom of movement and negate the need for thumbloops.
- Two piece crotch gusset enhances freedom of movement and reduced crotch splitting.

Physical Properties								
		MicroMax® NS /TS	MicroMax®	SafeGard® GP	SafeGard® 76	Flashspun PE		
Property	EN Std	CE Class	CE Class	CE Class	CE Class	CE Class		
Abrasion Resistance	EN 530	3	2	3	6	2		
Flex Cracking	ISO 7854	6	6	6	6	6		
Trapezoidal Tear	ISO 9073	3/2	4/2	3	3/2	1		
Tensile Strength	EN 13934	2/1	2	3	2/1	1		
Puncture Resistance	EN 863	1	1	1	1	2		
Burst Strength	EN 13938	2	3	2	3	2		
Seam Strength	EN 13935-2	3	3	3	3	3		

Chemical Repellency and Penetration EN 6530										
		Max® /TS	MicroMax®		SafeGard® GP		SafeGard® 76		Flashspun PE	
Chemical	R	Р	R	Р	R	Р	R	Р	R	Р
Sulphuric Acid 30% CAS No. 67-64-1	3	3	3	3	3	3	3	3	3	3
Sodium Hydroxide CAS No. 1310-73-2	3	3	3	3	3	3	3	3	3	3
O-Xylene CAS No. 75-15-0	3	2	3	2	NT	NT	NT	NT	1	1
Butanol CAS No. 75-09-2	3	2	3	2	NT	NT	NT	NT	2	1

Breathability - measured by air permeability and moisture vapour transmission rate (MVTR)								
	MicroMax® NS/TS	MicroMax®	SafeGard® GP	SafeGard® 76	Flashspun PE	Cotton T-shirt		
Air permeability cubic feet/minute (cfm)	<0.5	<0.5	40	40	~3.3	180		
MVTR	119.3	NT	NT	NT	111.2	NT		

Infectious Agent / Biological Hazard Protection								
Tested according to EN 14126. This consists of four different tests to assess protection against different forms of classification. Note these tests are on fabric only. We would always recommend a garment with sealed seams such as MicroMax ⁺ TS for protection against infectious agent hazards.								
Test Description	Test No.	MicroMax® NS/TS	SafeGard® GP/76	Flashspun PE				
Protection against blood and body fluids	ISO 16604:2004	6 (max is 6)	Not recommended	<1				
Protection against biologically contaminated aerosols	ISO 22611:2003	3 (max is 3)	Not recommended	1				
Protection against dry microbial contact	ISO 22612:2005	3 (max is 3)	Not recommended	1				
Protection against mechanical contact with substances containing contaminated liquids	EN 14126:2003 Annex A	6 (max is 6)	Not recommended	1				

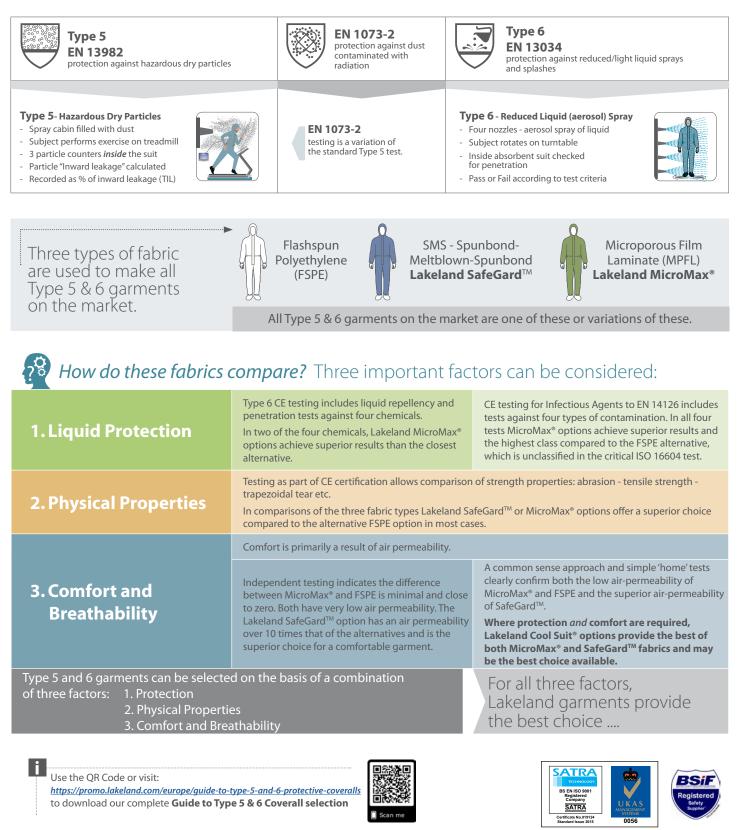
Warning: whilst the MicroMax® NS fabric is tested against penetration of infectious agents and certified to EN 14126, we do not recommend garments with stitched seams to be used against biological hazards. Sealed seam garments, such as MicroMax® TS should be used.



Clothing For Protection against Type 5 and 6 Hazards

Essential Guide to Garment Selection

There are many different brands of Type 5 & 6 coveralls in the market - yet there are only three essential types of fabrics used to make them. So which fabric is the best choice? That depends on the application and the balance to be achieved between protection, comfort and durability.



* 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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