

MicroMax® TS



Microporous film laminate fabric with stitched and taped seams for enhanced Type 4 protection

- Addition of taped seams to MicroMax® NS coverall – lightweight and flexible coverall for heavier Type 4 sprays of liquids.
- Fabric passes all tests in the EN 14126 infectious agent standard. Added taped seams makes MicroMax® TS suitable for many medical, pharmaceutical and biological applications.
- 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.
- 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 maximise freedom of movement and negate the need for thumbloops.
- Two piece crotch gusset – enhances freedom of movement and reduced crotch splitting.

Physical Properties						
Property	EN Std	MicroMax® NS / TS	MicroMax®	SafeGuard® GP	SafeGuard® 76	Flashspun PE
		CE Class	CE Class	CE Class	CE Class	CE Class
Abrasion Resistance	EN 530	2	1	2	2	2
Flex Cracking	ISO 7854	4	5	5	5	6
Trapezoidal Tear	ISO 9073	2	3	3	3	1
Tensile Strength	EN 13054	1	1	1	1	1
Puncture Resistance	EN 863	1	2	1	1	2
Anti-static (Surface Resistance)	EN 1149-1	Pass* (<2.5 x 10 ¹⁰ Ω)	Pass* (<2.5 x 10 ¹⁰ Ω)	Pass* (<2.5 x 10 ¹⁰ Ω)	Pass* (<2.5 x 10 ¹⁰ Ω)	Pass* (<2.5 x 10 ¹⁰ Ω)
Seam Strength	EN13995-2	3	3	3	3	3

* According to EN 1149-5

MicroMax® TS Style



Style code 428
Coverall with elasticated hood, cuffs, waist & ankles

Size: SM- 3X



Style code L428
Coverall with elasticated hood, cuffs with thumb loops, waist & ankles

Size: SM- 3X



Style code 414
Coverall with elasticated hood, cuffs, waist and attached socks

Size: SM- 3X



Style code L414
Coverall with elasticated hood, cuffs with thumb loops, waist and attached socks

Size: SM- 3X



Style code 412
Coverall with collar, elasticated cuffs, thumb loops, waist & ankles

Size: MD - XL



Style code 101
Lab coat with two hip pockets, 4 shirtfastening

Size: MD - 3X



Style code 024
Sleeveless with elasticated ends

Size: One size



Style code 020
Cape hood with elasticated face-opening

Size: One size



Style code 022 - Standard overshoe with elasticated top
Style code 022NS - Overshoe with elasticated top, anti-slip sole
Style code 022ANS - Overshoe with elasticated top, anti-static sole
Style code 022SNS - Overshoe with elasticated top, 2 ankle ties and anti-slip sole

Size: One size
Size: One size
Size: One size
Size: One size

Available in: White

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

Chemical Repellency and Penetration EN 6530										
Chemical	MicroMax® NS/TS		MicroMax®		SafeGuard® GP		SafeGuard® 76		Flashspun PE	
	R	P	R	P	R	P	R	P	R	P
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
D-Xylene CAS No. 75-15-0	3	2	3	3	NT	NT	NT	NT	1	1
Butanol CAS No. 75-09-3	3	2	3	3	NT	NT	NT	NT	2	1

Breathability - measured by air permeability and moisture vapour transmission rate (MVTR)						
	MicroMax® NS/TS	MicroMax®	SafeGuard® GP	SafeGuard® 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	SafeGuard® GP/76	Flashspun PE
Protection against blood and body fluids	ISO 16604:2004	6 (pass to 3)	Not recommended	<1
Protection against biologically contaminated aerosols	ISO 2261 1:2003	3 (pass to 3)	Not recommended	1
Protection against dry microbial contact	ISO 2261 2:2005	3 (pass to 3)	Not recommended	1
Protection against mechanical contact with substances containing contaminated liquids	EN 14126:2003 Annex A	6 (pass to 6)	Not recommended	1