



## Should you be wearing Type 5 & 6 protection whilst working at height?

The MicroMax® NS TRINE Type 5 & 6 protective coverall features a rear lanyard fold-away sleeve.

So you are protected **and** your harness is protected...  
...until you need it.



# MicroMax® NS TRINE



Type 5 & 6 protective coverall with protective rear sleeve for harness lanyard.

- Allows harness and lanyard to be worn inside coverall.
- Protects harness and lanyard from damaging liquids, paints and chemicals - reduces costs.
- Lanyard sleeve folds away neatly in rear pouch when not in use.
- Velcro fastened lanyard sleeve for easy fitting.
- Tested at SATRA fall-arrest rig: garment remains intact when a fall incident occurs, maintaining protection for wearer. (See video – use QR code or URL below)
- High quality microporous film laminate fabric - soft, flexible and comfortable to wear.
- Coverall with elasticated hood, waist, wrists and ankles. Fold away lanyard sleeve to rear.
- 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.

### 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	ISO 2960	2	3	2	3	2
Seam Strength	ISO 5082	3*	3	3	3	3

### Chemical Repellency and Penetration EN 6530

	MicroMax® NS/TS		MicroMax®		SafeGard® GP		SafeGard® 76		Flashspun PE	
Chemical	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
Hydrochloric Acid 10% CAS No. 70-05-8	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)

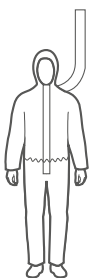
	MicroMax® NS/TS	MicroMax®	SafeGard® GP	SafeGard® 76	Flashspun PE	Cotton T-shirt
Air permeability cubic feet/minute (cfm)	<0.5	<0.5	40	40	~3.3	180
MVTR	119.3	NT	NT	NT	111.2	NT

### 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

## MicroMax® NS TRINE Style



Style Code: EMN428WH

Coverall with elasticated hood, waist, wrists and ankles. Rear sleeve for fall arrest harness lanyard.

Sizes: S - XXXL

Available in: White

MicroMAX® NS TRINE has been tested at the SATRA fall-arrest rig to ensure it stays intact in a fall incident. Use the QR link to watch the video.



[www.lakeland.com/europe/blog/cat/videos/post/mmstrine/](http://www.lakeland.com/europe/blog/cat/videos/post/mmstrine/)

Air permeability is a measure of the fabric's tendency to allow air to pass through and is the best indicator of comfort. The higher the breathability, the better the comfort for the wearer. The results show that fabrics such as Microporous films (MicroMax®) and flashspun polyethylene have very low and very similar levels of breathability; both are as close to zero as makes little practical difference. By contrast SMS fabric (SafeGard®) has more than ten times the breathability and a standard cotton T-shirt has four times that of an SMS fabric.

Areas shaded green indicate where MicroMax® is equal to or better than the other fabric options.

\* MicroMax® TS seams are stitched and taped and achieve a seam test result of Class 3