

TECHNICAL DATA SHEET

MicroMax NS Certificate 523142-1

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

Fabric - Microporous film laminate. 65 gsm. (Available in White and Orange)

Seam type - 3 thread over lock stitch

Style - EMN428 – Coverall with hood, zipper, inset sleeves and elastic waist.
For other styles see overleaf.



CE Certification

BS EN ISO 13688:2013
BS EN ISO 13982-1:2004
BS EN ISO 13034:2005
BS EN 1073-2:2002
BS EN 1149-1:2006
BS EN 14126:2003

Protective clothing general requirements.
Type 5 equipment for protection against from hazardous dry particles.
Type 6 equipment for protection against reduced Spray of liquid chemicals.
Protective clothing against particulate radioactive contamination.
Protective clothing. Electrostatic properties. Performance requirements.
Protection from biological hazards Type 5B and Type 6B

Mechanical Properties

EN 530
EN ISO 7854 method B
EN ISO 9073-4
EN ISO 13934-1
EN 863
EN ISO 13935-2
ISO 2960

Test

Abrasion resistance
Flex cracking resistance
Tear resistance
Tensile strength
Puncture resistance
Seam strength
Burst Strength

Result

>750 Cycles
>100,000 Cycles
MD = 58.5N / CD = 31.5N
MD = 79.87N / CD = 34N
>9.95N
105N
86.4kPa

Class

Class 3
Class 6
Class 2
Class 2/1
Class 1
Class 3
Class 2

Protection against Liquid Chemicals EN ISO 6530

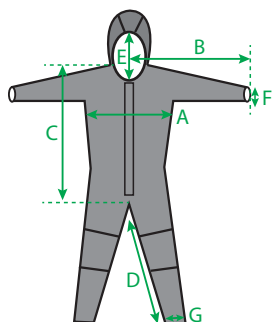
Sodium Hydroxide 10% (1310-73-2)
Sulphuric Acid 30% (7664-93-9)
Hydrochloric Acid 30% (7647-01-0)
Butan-1-ol (71-36-3)
o-Xylene (108-38-3)
N-Heptane (142-82-5)
Isopropanol (67-63-0)

Repellency

Class 3 - 99.1%
Class 3 - 97.7%
Class 3 - 97.4%
Class 3 - 93.0%
Class 3 - 91.0%
Class 2 - 88.7%
Class 3 - 92.6%

Penetration

Class 3 - 0%
Class 3 - 0%
Class 3 - 0%
Class 3 - 0%
Class 3 - 0.2%
Class 3 - 0%
Class 3 - 0.1%



Garment Dimensions

Item	SML	MED	LRG	XL	XXL	XXXL
A. Chest	59.75	63	66	70	76	81
B. Sleeve	85	86	89	92	95	102
C. Back Length	92	93	97	102	106	113
D. Inseam	76	76	76	80	81	82
E. Hood opening	18-20	18-20	18-20	18-20	20-22	20-22
F. Cuffs	8-9	8-9	8-9	8-9	8-9	8-9
G. Ankles	14-15	14-15	14-15	14-15	14-15	14-15
Barcode 5060522	170006	170013	170020	170037	170044	170051

Packaging and Other Information

- Individually packed in vacuum sealed bags
- 10 units per carton
- Store in normal conditions – cool and away from strong light
- Shelf life: 10 years



Download
Declaration of Conformity

Version: 5.2.19

MicroMax NS® Styles



Style code 428 Size: S - 3XL

Coverall with elasticated hood, cuffs, waist and ankles.



Style code L428 Size: S - 3XL

Coverall with elasticated hood, cuffs, waist and ankles. Thumb loops.



Style code 414 Size: S - 3XL

Coverall with elasticated hood, cuffs, waist and attached socks.



Style code L414 Size: S - 3XL

Coverall with elasticated hood, cuffs, waist and attached socks. Thumb loops.



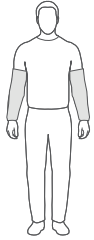
Style code 412 Size: M - XL

Coverall with collar, elasticated cuffs and waist. Thumb loops.



Style code 101 Size: S - 3XL

Lab coat with two hip pockets and four stud fastenings.



Style code 024 One size

Sleeves



Style code 023NS Size: L - XL

Overboots with anti-slip sole



Style code 021 One size

Cape hood.



Size: One size

Style code 022 - Standard overshoes with elasticated top

Style code 022NS - Overshoes with elasticated top, anti-slip sole

Style code 022ANS - Overshoes with elasticated top, anti-static sole

Style code 023NS - Overboots with elasticated top, 2 ankle ties and anti-slip sole

Other styles are available, contact your Lakeland sales representative or distributor for details sales-europe@lakeland.com

Available in: White

Super-B Style Design Features

Image shows MicroMax® NS Cool Suit >>

1. Three-Piece Hood

The three-piece hood results in a 3D shape which is more rounded and fits the head better, moving freely with wearer movement and resulting in a more comfortable and durable garment as well as fitting a respirator mask rim more effectively.

2. Inset Sleeves

Inset sleeves result in greater freedom of movement and less stress on seams - especially at the crotch.

In addition there is less pulling back of sleeves during use, so Lakeland garments require no thumb loops - which can catch on machinery and be a hazard.

3. Diamond Crotch Gusset

The crotch features a diamond shaped 2-piece gusset which creates a better fitting shape allowing greater freedom of movement and taking stress away from the critical crotch area.



The Lakeland Super-B style coverall features a unique combination of:

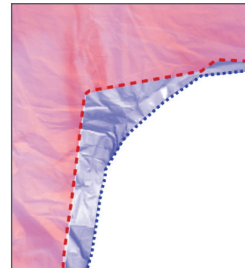
- 1) Three-piece hood 2) Inset sleeves 3) Diamond crotch gusset

This results in one of the best fitting, most wearable, most comfortable garments available ... and no need for uncomfortable thumb-loops!



4. Chest Label

Lakeland chest labels feature all CE labelling requirements. So users and manager's can easily see wearers have the correctly certified garment.

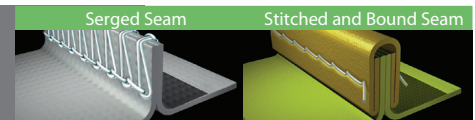


This image compares the body/arm shape of a Lakeland Super-B style coverall (in red) with a typical 'batwing' sleeve competitor coverall.

The Lakeland coverall shape follows the body, improving freedom of movement and reducing stress on crotch and sleeves.

Type 5 & 6 Seams

Lakeland's Type 5 & 6 coveralls feature either serged or stitched and bound seams.



a member of



Notified Body: SATRA 2777 D15YN2P Product certification: BTGT 0338 M17 1EG.
 For further information see www.lakeland.com/europe or contact sales-europe@lakeland.com
 No information provided is intended to guarantee product suitability for any specific application:
 It is always the user's final responsibility to ensure garment suitability.
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 Company Registration No: 4500660: For financial information see www.lakeland.com/financial

