## MicroMax<sup>®</sup> NS Nuclear





where penetration could occur.

over the zip.

reduced crotch splitting.

Property Abrasion Resistance

Flex Cracking

Trapezoidal Tea

Tensile Strength

Anti-static (Surface Resistance)

Seam Strength

Chemical

Sulphuric Acid 30% CAS No. 67-64-1

Sodium Hydroxide CAS No. 1310-73-2

O-Xylene CAS No. 75-15-0

CAS No. 75-09-2

Butanol

Puncture Resistance

\* According to EN 1149-5

**EN Std** 

EN 530

ISO 7854

ISO 9073

EN 13934

EN 1149-1

EN 13935-2

R Ρ R

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EN 863

combination of protection and comfort.

MicroMax<sup>®</sup> TS should be used for biological hazards).

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 thumb loops.

Two piece crotch gusset – enhances freedom of movement and

MicroMa NS /TS

**CE** Class

Pass\*

(<2.5 x 10<sup>9</sup>Ω)

3

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2 3 3 NT

2 3 3 NT

MicroMax<sup>®</sup> NS version with a sealed window in the left breast to allow viewing of dosimeter or other

High quality microporous film laminate fabric provides superior liquid resistance against liquids, light oils and light sprays of liquid chemicals. Chest window is fully sealed using a heat sealed tape - no stitch holes

Developed especially for the nuclear power industry for wearing of radiation dosimeters. - Fully certified and meets EN 1073-2 for nonventilated protection against radiation-contaminated dusts.

Double-sided tape to zipper cover to allow safe and secure seal

Lakeland "Super-B" ergonomic styling – unique combination of three design

**Physical Properties** 

**CE Class** 

Pass

(<2.5 x 10<sup>9</sup>Ω)

3

**Chemical Repellency and Penetration EN 6530** 

Ρ R

MicroMax®

**CE** Class

Pass\*

(<2.5 x 10<sup>9</sup>Ω)

SafeGard® GP

Ρ R

NT NT

NT NT NT 2

Soft and flexible high quality microporous film laminate offers excellent

Fabric passes all tests in EN 14126 infectious agent standard in the highest class (However, we recommend only garments featuring sealed seams such as

monitoring device worn inside the coverall.



SafeGard

**CE** Class

Pass\*

(<2.5 x 10°Ω

Ρ R

NT

1

**CE Class** 

6

2

Pass\*

(<2.5 x 10<sup>9</sup>Ω

3

Ρ

3

1

1



#### MicroMax<sup>®</sup> NS Styles



Style code 428 all with elasticated hood, cuffs, waist & ankles.

Sizes: SM - 3X



Style code 412 Coverall with collar elasticated cuffs, thumb aist & ankles oops,

Style code L428 Coverall with elasticate hood, cuffs with thumb





Size: MD - XL

loops, waist & ankles Sizes: SM - 3X



Lab coat with two hip pockets. 4 stud fastening Size: MD - XL

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04	J.L



attached socks.

Sizes: SM - 3X



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.

Lakeland Industries Europe Limited

sales-europe@lakeland.com

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

SSizes: SM - 3X

Style code 020

face opening.

Size: One size

pe hood with elasticated

3 3 3 3 3 3 3 3 3

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" IS 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		

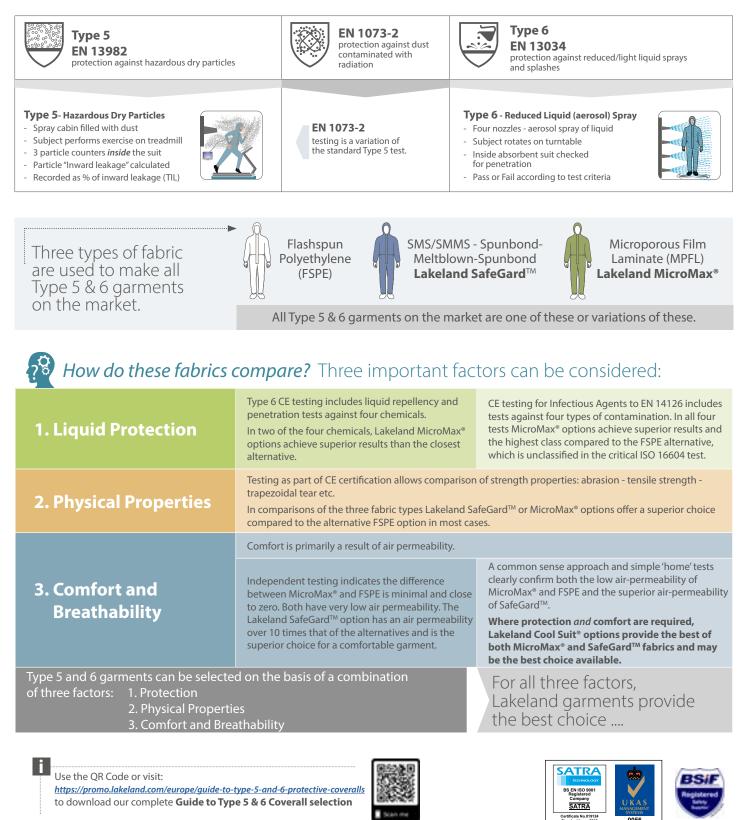


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# Clothing For Protection against Type 5 and 6 Hazards

### 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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