

TECHNICAL DATA SHEET

Safeguard GP

Certificate 2777-11765-05-E00-00

Product description - Entry level SMMS based hazardous dust (Type 5) and liquid aerosol (Type 6) protective coverall with high comfort level.

Fabric - SMMS polypropylene. 45 gsm.

Seam type - Overlocked.

Style - ESGP528 - Coverall with elasticated 3-piece hood, cuffs, ankles and waist. Diamond crotch gusset.



CE Certification

EN ISO 13688:2013
EN ISO 13982-1:2004
EN ISO 13034:2005
EN 1073-2:2002
EN 1149-5:2018

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.

Full Suit Tests

ISO 13982-2
ISO 17491-4 modified

Resistance to inward leakage of aerosols of fine particles
Protective clothing against liquid chemicals Type 6

Physical Properties

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

Test

Abrasion resistance
Flex cracking resistance
Tear resistance
Tensile strength
Puncture Resistance
Seam strength

Result

>100 <500 Cycles
>100,000 Cycles
MD = 65N / CD = 41N
MD = 92N / CD = 59N
>8N
75N

Class

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

Protection against Liquid Chemicals EN ISO 6530

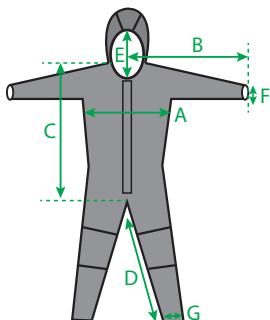
Sodium Hydroxide 10% (7664-93-9)
Sulphuric Acid 30% (7664-93-9)

Repellency

Class 3 - 96%
Class 3 - 96%

Penetration

Class 3 - 0%
Class 3 - 0%



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	173106	173113	173120	173137	173144	173151

Packaging and Other Information

- 50 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

Notified Body: SATRA 2777 D15YN2P Product certification: SATRA

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

Safeguard® GP Styles



Style code 528 Size: S - 3XL

Coverall with elasticated hood, cuffs, waist and ankles.



Lakeland 'Super-B' Style

Lakeland CE garments use a specific ergonomically styled pattern that features a unique combination of three key factors, along with other helpful design elements.

1 Three-piece hood with shaped centre-piece

Some cheaper garments feature a simple 2-piece hood. Such hoods do not fit the head properly, restrict head movement and generally have a poor fit to respirator masks.

Lakeland garments not only feature a 3-piece hood which creates a more 3-D fit and resolves these problems, in addition the centre piece is a 'pointed oval' shape resulting in an even better fitting hood.

2 Two-piece crotch gusset

The crotch is invariably the point where garments split first, partly because this is where most stress is apparent, and partly because on cheaper garments it is the point where four seams – two body and two leg – meet at one point.

Lakeland garments feature an inserted crotch gusset of two dart-shaped fabric pieces. This creates a more shaped body which spreads the stress and allows greater freedom of movement.

3 Inset Sleeves

Most garments use the traditional 'bat-wing' style sleeve, in which the body forms a diagonal between the elbow and the waist. This is cheaper to produce as it uses less fabric, but it also restricts movement when a user reaches up. It also explains why some garments need thumb loops – because it results in pulling back of the sleeve and cuff.

Lakeland garments use the more expensive inset sleeve in which the body and arm follows the shape of the body. This allows greater freedom when reaching up and results in much less pulling back of the sleeve – so no thumb loops are required.

** Many Lakeland garments are available in versions with thumb-loops where they are required for other reasons.*



4 Cushioned Knee-Pads

ChemMax® garments and some Cool Suits® feature double-layer cushioned knee-pads which add comfort and durability in applications where crawling or kneeling is required.

5 Double zip and storm flap

ChemMax® garments feature a double zip with handy ring-pulls and double storm flap front fastening for superior protection.

6 Higher neck line

For improved neck protection and better respirator mask fit.

7 CE Chest Label

Lakeland CE coveralls feature a chest label containing all the legally required marking for CE certification, so users and supervisors can easily identify the correct garment is being worn.

8 Push-Lock® glove connection system

All Lakeland chemical suits feature cuffs designed to work with the Push-Lock® glove connection system (see page 9) which provides a fully sealed, Type 3 tested connection with most chemical gloves.

