



RESPIREX™

# Chemical protective Anti-Splash Hood Instructions for use



EN14605:2005+A1:2009

TYPE PB[4]

TYPE 4

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# General information

Respirex chemical protective anti-splash hoods are supplied in a range of styles and materials. All hoods are CE marked to indicate compliance with the EC Council Directive directive 89/686/EEC on personal protective equipment (PPE) and comply with the harmonized standard EN 14605:2005+A1:2009 (protective clothing against liquid chemicals); this specifies the performance requirements both for the materials of construction and for the garment as a whole. Refer to the data sheet supplied with the hood for further information on the performance characteristics of the main material of construction.

## Limitations & warnings

- Always follow the instructions carefully otherwise the protection offered by the garment may be drastically affected. Chemical protective anti-splash hoods should only be worn in areas where there is a low risk of chemical spillage occurring. In areas of high risk Respirex can advise on alternative items of PPE that will provide the necessary level of protection.
- End-users should carry out a suitable risk assessment in accordance with local legislation to ensure that appropriate PPE is selected for the intended use. Respirex International cannot accept responsibility for improper garment use.
- When worn alone a chemical protective anti-splash hood meets the performance requirements of TYPE PB [4] chemical protective clothing. If full body protection is required, an anti-splash hood must be worn with a chemical protective suit comprising jacket and trousers (or one-piece coverall), together with appropriate safety gloves and boots. All component parts of the suit should be manufactured from the same fabric so as to offer a uniform degree of chemical protection to all parts of the body. Worn as a combination with the items of PPE described, the anti-splash hood meets the performance requirements of TYPE 4 chemical protective clothing.
- To allow as much airflow as possible into the hood always ensure that the air vents are free from obstructions.
- Anti-splash hoods should not be worn in confined spaces where there may be fumes or vapours or the oxygen content of the air is less than 21%.
- Wearers of anti-splash hoods should be physically fit and capable of wearing the garments under the anticipated conditions of work. If in doubt please seek medical guidance before wearing. Strenuous work which increases the wearer's breathing rate should be avoided.
- Anti-splash hoods are manufactured from non-breathable materials and should only be worn within a temperature range that maintains wearer's comfort and safety. Wearers are advised to take suitable precautions to avoid heat stress occurring, e.g. working to a planned work/rest schedule. Always leave the work area and remove the anti-splash hood before becoming distressed.
- Materials used in the construction of anti-splash hoods are not known to cause allergic reactions to the majority of individuals; anti-splash hoods contain no components made from natural rubber latex.
- Always use compatible PPE, e.g. jackets, trousers, coveralls, gloves and boots advised by Respirex.

For any further information, please contact the Respirex customer services department on  
Tel: +44(0) 1737 778600 or Fax: +44(0) 1737 779441

## Pre-checks

It is recommended that pre-checks are carried out in a clean area at least once per month, and always before the start of each shift cycle.

1. Visually inspect the hood for any damage that may reduce the level of protection offered (see service and maintenance section).
2. Vision through the visor is not impaired by scratches or scuff marks. A removable outer visor can be fitted which prevents damage occurring to the main visor; this can be replaced by peeling away from the Velcro fastenings and replaced by a new outer visor.
3. Check that garment is free from contamination both externally and internally.

Any garments having defects identified during the pre-checks should be withdrawn from use.

## Donning procedure

Don the anti-splash hood in the following stages:

1. Don either a chemical protective coverall or two-piece suit (jacket & trousers) in accordance with the manufacturer's instructions.
2. Apply Respirix 'Fog-Off' (see Cleaning Accessories on page 3) to the inner surface of the hood visor using a soft cloth or paper towel.
3. Place the hood over your head making sure that it sits evenly on the shoulders; ensure that the front and rear capes are lying as flat as possible against your body.
4. Fasten the underarm straps to the front cape using the Velcro strips provided (make sure that the straps are not twisted).



Fig. 1



Fig. 2



Fig. 3

## Recommended decontamination & cleaning procedure

If the anti-splash hood is contaminated by acid splash it should be drenched in a neutralising bath with a pH value of 9 for approximately 10 minutes. The recommended neutraliser is a solution of bicarbonate of soda and water (6% bicarbonate of soda W/V). If contaminated with an alkali, the alkali should be removed by drenching in clean water for approximately 10 minutes.

After decontamination the outer surfaces of the hood should be wiped with a sponge using a diluted solution of Citrikleen and warm water (temperature not exceeding 50°C). Mix one part Citrikleen to 19 parts water, i.e. 5% solution. Never use Citrikleen in neat form as this may cause damage to the garment materials. After wiping with the diluted Citrikleen solution the hood should be rinsed with cold water.

Do not use solvents or strong cleaning and disinfecting agents as these may cause damage to the visor and hood materials. Hoods should be allowed to dry naturally or hung in a drying cabinet or warm room with a temperature not exceeding 30°C.

Hoods used by more than one person must be cleaned, inspected and sanitised after each use; if not cleaned contamination may cause illness or disease.

Sanitise by cleaning as described above or by liberally applying Synodor to the inside surfaces of the hood.

HAND WASH ONLY 

DO NOT SPIN

DO NOT DRY CLEAN 

DO NOT BLEACH 

DO NOT IRON 

DO NOT TUMBLE DRY 

DO NOT USE AGGRESSIVE CLEANING POWDERS

DO NOT USE SOLVENTS

DO NOT SCRUB THE SURFACE OF THE FABRIC

## Cleaning Accessories

For cleaning garment outer surfaces use Citrikleen, Part No. F00938.

For cleaning garment inner surfaces use Respirex Synodor Odor San, Part No.F00936.

To prevent the visor from misting apply Respirex 'Fog-Off', Part No. F00934.

To order these accessories contact Respirex customer services on Tel: +44(0) 1737 778600 or Fax: +44(0) 1737 779441.

## Servicing & maintenance

Hoods manufactured from polymer rubber materials, e.g. Neoprene, can be repaired using a Respirex repair kit\*. Garments manufactured from thermoplastic materials, e.g. PVC, require specialist equipment and will need to be returned to the manufacturer for repairs.

\*Respirex does not guarantee any repairs carried out by the end-user.

It is recommended that used garments are periodically returned to our care and maintenance department for overhaul, repairs, and where necessary report on the condition of your equipment. When your garments should be returned for inspection will depend upon the extent of usage.

There is no pre-determined life expectancy for your garments; this will depend upon usage, maintenance and washing. However, the level of protection offered by your garment will be seriously diminished by the existence of the following;

1. Lifting seam tapes
2. Degradation/Thinning of material
3. Holes/Tears
4. Broken visors

For further enquiries on servicing & maintenance contact Respirex customer services on Tel: +44(0) 1737 778600 or Fax: +44(0) 1737 779441.

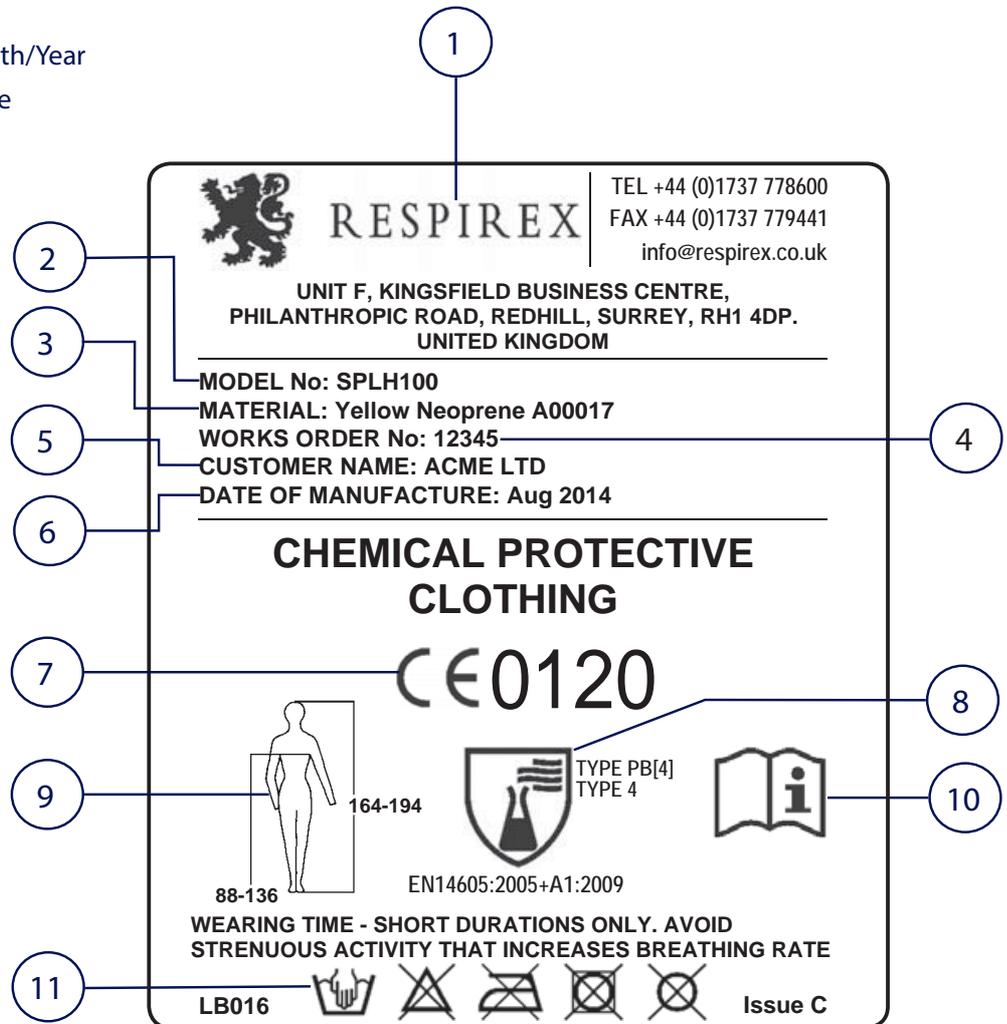
## Storage

Hoods should always be stored in a clean and dry condition, and if being stored for long periods of time, out of direct sunlight. The storage environment should be clean, dry and of ambient temperature.

Respirex recommends that hoods are stored on a hanger; if being stored folded do not stack more than four high.

# Product labelling

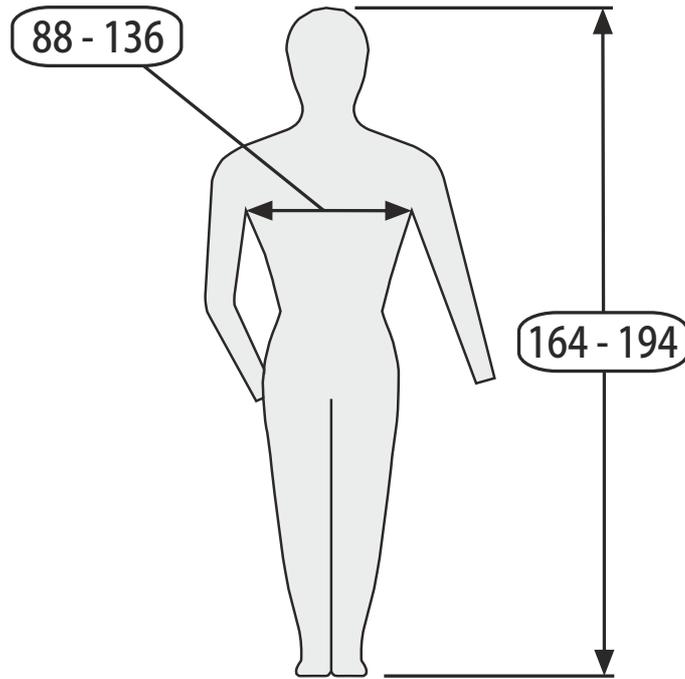
1. Manufacturer of garment;  
Respirex International Ltd.
2. Manufacturer's Model number
3. Material of Manufacture
4. Manufacturer's Order No.
5. Customer Name
6. Date of manufacture; Day/Month/Year
7. CE Mark and notified Body code



8. Protection against liquid chemicals
9. Garment size
10. "Open Book Pictogram"; wearer must refer to the "Instructions for use" for further information
11. Five care pictograms indicating that clothing is not suitable for cleaning and reuse
  - Pictogram 1 Do not wash 
  - Pictogram 2 Do not bleach 
  - Pictogram 3 Do not iron 
  - Pictogram 4 Do not machine dry 
  - Pictogram 5 Do not dry clean 

## Sizes

The following pictogram designates the range of height & chest sizes suitable for use of the anti-splash hood, check your body measurements to make sure you are suitable. Body measurements in cm.



Body measurements in cm

Chest Girth

Body Height

88-136

164-194

## Whole suit performance testing

Performance requirement	Test method	Property value	Result
EN14605:2005+A1:2009 clause 4.3.4.2	ENISO 17491-4:2008	Resistance to penetration by a spray of liquid (spray test)	Pass

For further information on the performance results of each specific material refer to the data sheet supplied with your garment.

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