

100PE05 Chemical Protective Overalls

This overalls are designed to protect the user from hazardous materials and potential contamination. Protect from liquid chemicals and airborne particles. Weld seam method completely avoids leakages.

Zipper and Velcro

Has two-way zipper allowing a comfortable use. Additional velcro covering the zipper is available for more protection.



Elastic Wrist & Ankle Protective Band

Prevents leakages through elastic ankle and wrist protective bands.



Protective Hood

Leakage through the head is prevented by elasticated band on the hood.

Elastic Waistband

Has elastic band on the waistline for more comfortable and free movement.

Fabric Material

PE material against chemical liquids and air borne solid chemicals.

Marking Field

All information required to be provided as per the European norms is stated on the nape.

Technical Specifications

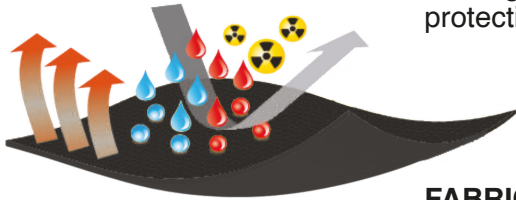
Fabric Material	100 Micron Polyethylene Copolymer
Size	M, L, XL, XXL
Color	Black
Carton Content	25 Pieces
Packaging	1 Piece
Category	CAT III
Standards	EN ISO 13688+A1 (2021) EN 13034+A1 (2009) Type6 EN 14605+A1 (2009) Type 4 EN 1149-5 (2018) EN 14325 (2004)

STARLINE

● SEAM METHOD AND FABRIC TEXTURE

SEAM METHOD

Sewing places are sealed by welding method in order to provide strong protection against leakage of heavy liquids and sealing.



FABRIC TEXTURE

It is manufactured from PE material against chemical chemicals and air solid chemicals.

● STANDARDS

These overalls are designed to protect against hazards which may cause serious and irremediable damage the health in the circumstances considered as not be recognized by the user defined in PPE Directive 89/686/EEC and life-threatening. This product has passed tests of performance against airborne solid particles, limited-protection performance against liquid chemicals, protection performance against Radioactive particulate contaminations, chemical protection, Electrostatic Properties, Chapter 5: Performance and Design Properties of the Material, Protective Clothing, Against Pathogen Organisms - Performance Characteristics and Testing Methods and Protective clothing against liquid chemicals – performance requirements for clothing with liquid-tight (Type 3) or spray-tight (Type 4) connections, including items providing protection to parts of the body only (Types PB [3] and PB [4]).

EN ISO 13688: Passed tests of protective clothing, Material performance and design features.



EN 14605+A1(2009) Type 4
EN 13034+A1(2009) Type 6



EN 1149-5 (2018)



EN ISO 13688:2013
EN 14325 (2004)

● Areas of Use



Agriculture



Construction



Paint and Printing House



Automotive



Cleaning



Chemical Materials

Suitable for asbestos removal and cleaning processes, cementitious production areas, metal grinding and polishing processes, light industrial cleaning and machine maintenance, storage, allocation and building maintenance works, printing industry, during pharmaceutical processes and working with toxic powders, pesticide spraying and chemical spills, emergency responses.

● STANDARD REMARKS



EN 13034 PROTECTIVE CLOTHING AGAINST LIQUID CHEMICALS.

Performance requirements for protective clothing with limited protection against liquid chemicals (Type 6 ve Type 6b)

FEATURES:

This standard specifies minimum requirements for limited use and limited reuse performance of chemical protective clothing. Limited performance chemical protective clothing is intended for use where exposure to light sprays, liquid aerosols or low pressure, low volume splashes is likely where a full liquid permeability barrier (at a molecular level) is not required.

This standard covers both chemical protective clothing (Type 6) and partial body protectors (Type 6B).

Partial body protectors (Type 6B) of similar limited performance only cover and protect certain parts of the body. For example; such as jacket, apron, armrest. They should not be subjected to the complete garment test.

EN 14605 PERFORMANCE FEATURES FOR PROTECTIVE CLOTHING - AGAINST LIQUID CHEMICALS - INCLUDING PROTECTION TO ONLY SOME OF THE BODY (TYPE PB [3] AND TYPE PB [4]), CONNECTIONS LIQUIDPROOF (TYPE 3) OR SPRAY PROTECTIVE PROPERTIES (TYPE 4):

This standard specifies the minimum requirements for chemical protective clothing of the limited use and reusable type:

- Full body protective clothing with liquid-tight joints between the different parts of the garment and, where applicable, liquid-tight joints to component parts such as headgear, gloves, boots, eye shields or respiratory protective equipment specified in other European standards (Type 3 Liquid-tight clothing)

Examples of these clothes; They are one-piece overalls or two-piece clothing sets with or without hood, with or without eye shield, with or without in-boot protective socks, with or without protective over-boot leggings, with or without gloves.

- Full body protective clothing with spray-tight joints between the different parts of the garment and, where applicable, with spray-tight joints to component parts such as headgear, gloves, boots, eye shields or respiratory protective equipment that may be specified in other European standards. (Type 4: Spray-proof clothing).

Examples of these clothes; They are one-piece overalls or two-piece clothing sets with or without hood, with or without eye shield, with or without in-boot protective socks, with or without protective over-boot leggings, with or without gloves.

- Clothing that protects the part of the body that provides protection to certain body parts against the ingress of chemical fluids.

Examples of these clothes; lab coats, jackets, trousers, aprons, sleeves, hoods (non-ventilated), etc. Since the piece of clothing that protects a part of the body leaves some body parts unprotected, this standard only covers performance requirements for clothing material and seams.

EN 14605+A1(2009)
type 4

EN 13034+A1(2009)
type 6

● STANDARD REMARKS



EN 1149-5 (2018)

EN 1149-5 PROTECTIVE CLOTHING - ELECTROSTATIC PROPERTIES

CHAPTER 5: This standard is part of a set of test methods and rules for the electrostatic properties of protective clothing. Due to the various fields of application and materials, this standard is divided into several parts. This standard specifies a test method for measuring the vertical electrical resistance of protective clothing material. This standard is not applicable for protection against mains voltage.

EN ISO 13688 PROTECTIVE CLOTHING

This standard is a reference standard for use with specific standards when relevant. This standard cannot be used alone; may be used in conjunction with another standard containing specific performance requirements for a product only while providing protection. Where special rules are required, they should be specified in the appropriate standard for the respective products.

FEATURES:

This standard specifies the general performance characteristics of protective clothing on ergonomics, harmlessness, size designation, aging, compatibility and marking, and information to be supplied by the manufacturer with the protective clothing.

EN 14325 PROTECTIVE CLOTHING AGAINST CHEMICALS - TESTING METHODS AND PERFORMANCE CLASSIFICATION FOR PROTECTIVE CLOTHING MATERIALS, SEAMING, JOINTS AND JOINS

This European Standard specifies performance classification and test methods for materials used in chemical protective clothing, including gloves and shoes. When gloves and boots are an integral part of the suit, they must have the same chemical barrier requirements as the fabric. This is a reference standard to which chemical protective clothing performance standards may refer, in whole or in part, but is not comprehensive in the sense that it may require product standards to be tested against test method standards not included in this standard. While these performance levels relate to the use in which the chemical protective clothing will be used, a risk assessment is required for the chemical protective clothing manufacturer or supplier to state the intended use of the protective clothing and to determine the user's (determining) level of performance that is correct for the intended task.

STARLINE



Maintenance and Cleaning

Always ensure that whole product is suitable for use, properly worn, worn throughout all exposure period and replaced if required before each use. Refer to all information provided for suitable and proper use. Consult our occupational safety specialist for more information.

Overalls should be completely fastened and cover inner garments. Strap full-length of the pocket with sticky tape for complete protection. Strap cuffs, wrist and hood with sticky tape to the additional personal protective equipment. Use of regular rest periods and absorbent cotton underwear may lessen heat stress arising from long-term applications. Protective clothing should be used with anti-static accessories or business applications to ensure anti-static properties to be efficient. User should be properly grounded through skin contact or other grounding methods and thus, resistance should be lower than $10^8 \Omega$.

- Do not wash
- Non-chlorine bleach
- Do not iron
- Non-usable in rotary driers
- Do not dry-clean
- Flammable



Service Life



Never modify and/or repair this product. Do not use clothing which is damaged, heavily contaminated or non-suitable for your operations. Shelf life is available on the product packaging.



Storage

Store the products in accordance with manufacturer's instructions. Check whether shelf life of the product specified is included or not before first use. Handle the product in its original packaging. Product should be treated as hazardous waste and subjected to waste treatment according to national regulation on contaminated products.

Order Information

MODEL	Size	Barcode	Box Quantity	 Box Sizes	 Box Weight
100PE05	S	8680907915991	25 Adet	29 x 50 x 30cm	9.00kg.
100PE05	M	8680907916004	25 Adet	29 x 50 x 30cm	9.70kg.
100PE05	L	8680907916011	25 Adet	29 x 50 x 30cm	10.30kg.
100PE05	XL	8680907916028	25 Adet	29 x 50 x 30cm	10.90kg.
100PE05	XXL	8680907916035	25 Adet	29 x 50 x 30cm	11.20kg.