



Area of use*



CHEMICAL INDUSTRY



HEAVY INDUSTRIE



LIGHT INDUSTRY



AGRICULTURE



GREEN SPACES

Technical features

Chemical protective coverall.

First material: 58% polypropylene and 42% polyethylene.

Microporous non-woven fabric, 65 gsm.

Second material: 100% polypropylene.

SMS non-woven fabric, 55 gsm.

Serged seams. 3 panels hood.

Zip fastening under self adhesive flap closure.

Elastic tightenings (waist, hood, wrists and ankles).

Colour: white and blue.

Sizes: L to 3XL.

Packaging: carton of 50 pieces.

Subpackaging: individual polybag.



Advantages

- > **Breathable, antistatic and anti-bacterial fabric.**
- > **Good ease of movement** thanks to the 3-panel hood.
- > **Waterproof protection** thanks to the self adhesive flap and the elastic tightenings.
- > **Presentation in individual hanging bag.**

BODY
Protection

Certification

This product complies with **European Regulation (EU) 2016/425** on Personal Protective Equipment (PPE). **Category III.**

Issued by **CENTROCOT**, notified body n°**0624**.

EN ISO 13688 : 2013
+ A1 : 2021



EN 13982-1 : 2004
+ A1 : 2010



TYPE 5

EN 13034 : 2005
+ A1 : 2009



TYPE 6
(limited use)

EN 1073-2 : 2002



CLASS 1


EN 1149-5 : 2018




CE 0624

Download the EU declaration of conformity on <http://docs.singer.fr>


EN 14058 - AGAINST COOL ENVIRONMENTS

| | | |
|----------------------------------------------------------------------------------|---|------------------------------------------------------|
|  | A | Thermal resistance. Class 1 to 4 (4 being the best). |
| | B | Air permeability. Class 1 to 3 (3 being the best). |
| | C | Resulting thermal insulation. Optional test. |
| | D | Resistance to water penetration. Optional test. |

EN 343 - AGAINST BAD WEATHER

| | | |
|----------------------------------------------------------------------------------|---|-------------------------------------------------------------------------|
|  | A | Resistance to water penetration. Class 1 to 4 (class 4 being the best). |
| | B | Evaporative resistance. Class 1 to 4 (class 4 being the best). |
| | R | Controlled under a rain simulator (optional). Class R. |

EN ISO 11611 - WELDING AND ALLIED PROCESSES


| | | |
|----------------------------------------------------------------------------------|----------|----------------------------------------------------------------------------------------------|
|  | Class 1 | Against minor risks: Less projections and a weak radiant heat. |
| | Class 2 | Against important risks: More projections and a more important radiant heat. |
| | A1 or A2 | Test method used for spreading of the flame, in conformity with the standard ISO 15024/2000. |

EN ISO 11612 - PROTECTION AGAINST HEAT AND FLAME

| | | |
|------------------------------------------------------------------------------------|--------------|--------------------------|
|  | A1 and/or A2 | Limited flame spread. |
| | B1 to B3 | Convective heat. |
| | C1 to C4 | Radiant heat. |
| | D1 to D3 | Molten aluminium splash. |
| | E1 to E3 | Molten iron splash. |
| | F1 to F3 | Contact heat. |


This standard imposes a number of requirements in terms of product design (for example: the flap of the outer pockets must be larger than the pocket ...). Each garment must bear the code letters A1 and / or A2 plus at least another code letter.

EN ISO 14116 - LIMITED FLAME SPREAD

| | | | |
|------------------------------------------------------------------------------------|---|---------|-----------------------------------------------------------------------------------------------------------------------|
|  | A | Index 1 | Limited flame spread / Absence of burning debris / Residual glow. |
| | | Index 2 | Limited flame spread / Absence of burning debris / Residual glow / No hole formations. |
| | | Index 3 | Limited flame spread / Absence of burning debris / Residual glow / No hole formations / Limited persistence of flame. |
| | B | - | Number of washes. |
| | C | H | Home washing. |
| | | I | Industrial washing. |
| | | C | Chemical washing. |
| | D | - | Washing temperature. |

If the materials can not be washed: BC/D = 0/0. The pictogram (see above) can be used only if the product has been tested to another standard of flame protection.

EN 1149-5 - ELECTROSTATIC PROPERTIES


| | |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
|  | Electrostatic properties, part 5. Material performance and design requirements. |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|

EN ISO 20471 - HIGH VISIBILITY


| | | |
|-----------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------|
|  | Class 1 | Background material: > 0,14 m². Retro-reflective material: > 0,10 m². Combined performance material: > 0,20 m². |
| | Class 2 | Background material: > 0,50 m². Retro-reflective material: > 0,13 m². Combined performance material: - m². |
| | Class 3 | Background material: > 0,80 m². Retro-reflective material: > 0,20 m². Combined performance material: - m². |

The coefficient of retro-reflection of the retro-reflective material must be class 2 to comply with EN ISO 20471 (class 1 of previous EN 471 standard has been cancelled). «X» indicates the class of the garment according to the compulsory minimum area.

EN 14404 - KNEE PROTECTION


| | | |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------------------|
|  | Type 1 | Protective portable knee pads. |
| | Type 2 | Knee pads associated with clothing. |
| | Type 3 | Carpet for knees. |
| | Type 4 | Kneeling systems. |
| | Level 0 | Flat floors, no resistance to penetration required. |
| | Level 1 | Flat floors, resistance to penetration of 100N. |
| | Level 2 | Flat or irregular surfaces, resistance to penetration of 100N. |
| Level 3 | Flat or irregular surfaces under difficult conditions, resistance to penetration of 250N. | |

EN 61482 - THERMAL HAZARDS OF AN ELECTRICAL ARC


| | | |
|-------------------------------------------------------------------------------------|-------|------------------------------------------------|
|  | APC 1 | Tested with an electrical arc of 4 000 amperes |
| | APC 2 | Tested with an electrical arc of 7 000 amperes |

Also, for each class, are checked: - Absence of flame spread. - Absence of heat transfer that can burn the user to the 2nd degree. - Proper functioning of the EPI closure systems after the tests.


EN 943, EN 14605, EN ISO 13982, EN 13034 AGAINST CHEMICALS

| | | |
|-------------------------------------------------------------------------------------|--------|------------------------------------------------------------------|
|  | Type 1 | Gaz tight. |
| | Type 2 | Non gaz tight. |
| | Type 3 | Liquid tight connections. |
| | Type 4 | Spray-tight connections. |
| | Type 5 | Protection to the full body against airborne solid particulates. |
| | Type 6 | Limited protection against liquid chemicals. |

EN 14126 - AGAINST INFECTIVE AGENTS

| | |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
|  | Performance requirements and tests methods for protective clothing against infective agents. |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|

EN 1073-2 - AGAINST RADIOACTIVE CONTAMINATION

| | |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
|  | Requirements and test methods for non-ventilated protective clothing against particulate radioactive contamination. |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|

"X" means that the glove has not been submitted to the test.