

# PROTECTIVE COVERALL

## • TECH-TEXTILE PEM •



COVID - 19



silver ions



fluorocarbon



ASTM E 96:  
95 Procedure  
BW 18 800



# Properties and Advantages of Protective Coverall TECH-TEXTILE PEM

- ✓ PROTECTIVE COVERALL IS MADE IN FULL COMPLIANCE WITH THE EU REGULATION 2016/425 - CAT. III PPE
- ✓ 100% EUROPEAN PRODUCT MADE WITH EUROPEAN MATERIALS BY A EUROPEAN PRODUCER
- ✓ The PPE is BREATHABLE, DOES NOT MAKE THE BODY SWEAT
- ✓ The PPE is ANTIBACTERIAL, it is treated with silver ions
- ✓ The PPE is FLEXIBLE, ALLOWS THE PERSON TO MOVE COMFORTABLY
- ✓ The PPE is PROTECTIVE ALL OVER, all the elements - waterproof zipper, seams that are laminated with an adhesive tape to not allow penetration of any virus, bacteria, germs and dust to any part of the coverall, acc. to EN 14325
- ✓ 50 TIMES WASHABLE according to the care instruction
- ✓ EASY TO PUT ON AND TAKE OFF



**PATENT**

PTBG202000000160771

The Protective Coverall Tech Textile PEM is **patented** because of the high level of the engineering development: - Laminated Technical Membrane with a knitted fabric treated with silver ions and fluorocarbon that gives very high level of protection in the risky environment with the best level of comfort during the process of wearing.

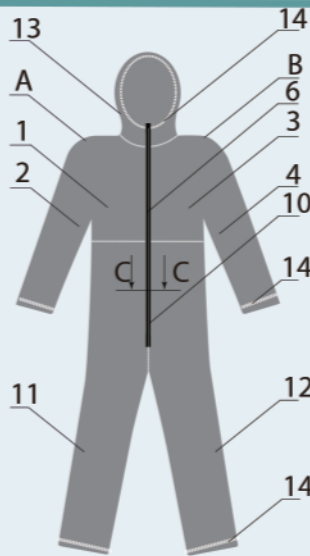


fig.1 front side PPE

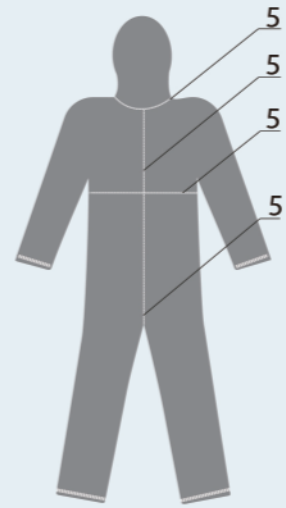


fig.2 back side PPE

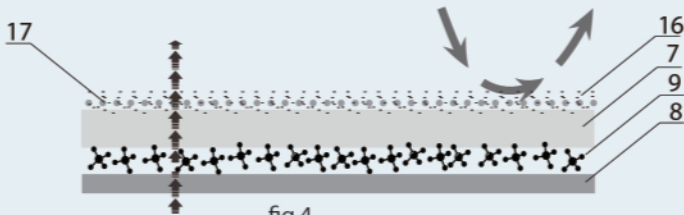


fig.4 Laminated Fabric

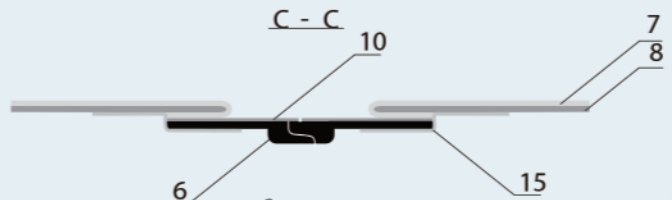


fig.3 Waterproof zipper

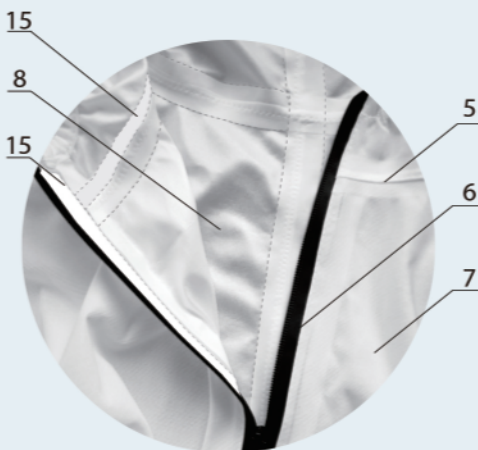


fig.5 -Seams with laminated adhesive tape

- |                     |  |
|---------------------|--|
| 1. left upper part  | 10. polyurethane coating of the zipper |
| 2. left sleeve      | 11. left leg                           |
| 3. right upper part | 12. right leg                          |
| 4. right sleeve     | 13. hood                               |
| 5. stitchings       | 14. elastic                            |
| 6. zipper           | 15. polyurethane tape                  |
| 7. outer layer      | 16. silver ions                        |
| 8. inner layer      | 17. fluorocarbon                       |



# Protective Coverall TECH-TEXTILE PEM - test results

This Protective Coverall has been tested in certified laboratories Hyggen, CIL na TIL, Almitest, Centexbel, Nelson Labs, and passed all the tests according to EN 14126:2003+AC/2004, ISO 13034:2005+A1:2009 and ISO 13688: 2013.

Test	Standard/test method	RESULT	Class/result
Abrasion resistance (visual assessment)	EN ISO 12947-2:2017	50000 cycle sample is not destroyed	Class 6
Tear resistance Warp/weft	ISO 9073-4 :1997	wale 65,7N course 62,7N	Class 4 of 4
Tensile strength - length/width	EN ISO 13934-1:2013	427N 304N	Class 6
Puncture resistance	EN 863:2001	36N	Class 6
Seam strength - Warp/weft	EN ISO 13935-1:2014	304N 325N	Class 5 of 5
Size Changing during washing - length /width	EN ISO 3759:2011, ISO6330:2012	0 % 0 %	pass
pH of water extract	EN ISO 3071:2008	6.5 (+/- 0,1)	pass
Resistance of the Taped seams to water penetration	ISO 811:2018	over 15000	pass
Resistance to water penetration after 50 washes	ISO 811:2018/ ISO 6330:2012	10840+92	Class 6

Test	Standard/test method	RESULT	Class/result
Synthetic blood resistance	ISO 16603:2004	Pass 20kPa	Class 6
Blood borne pathogen penetration resistance	ISO 16604:2004	Pass	Class 6
Contaminated solid particle penetration resistance	ISO 22612:2005	Pass	Class 3 of 3
Contaminated liquid aerosol penetration resistance	ISO/DIS 22611:2003	Pass	Class 5 of 5
Wet bacteria penetration resistance	EN ISO 22610:2006	Pass	Class 6
Resistance to water penetration	ISO 811:2018	11000	Class 6
Resistance of the Taped seams to water penetration after 50 washes	ISO 811:2018 ISO 6330:2012	over 10000	Class 6



Liquid Protection



Protection against Biological Hazards (micro-organisms)



Protection against Chemicals.



Protection against Rain or Snow

**APPLICATIONS:** The Protective Coverall Tech-Textile PEM is ideal for wide range of applications and has been designed to be both comfortable and safety. It is a product for chemical protection - Non-Hazardous Particles, Non-Hazardous Liquid Splash Particles, Hazardous Dust and Fibres, Hazardous Liquid Splash, Acid and Alkalis. The PPE is a proper product to be used in different industries: Health&Dental Care, Laboratories, Aircraft, Transport&Logistic, Hotel& Cleaning, Marine



HEALTH & DENTAL CARE



LABORATORIES



AIRCRAFT



TRANSPORT & LOGISTIC

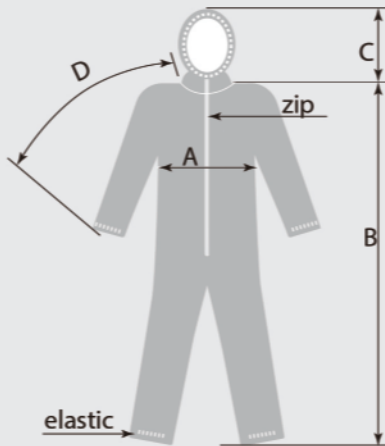


HOTEL & CLEANING



MARINE

## Size Chart:



	sizes	M	L	XL	XXL
A	waist	120cm/47"	126cm/50"	130cm/51"	150cm/59"
B	length	160cm/63"	170cm/67"	175cm/69"	180cm/71"
C	hood	35cm/14"	40cm/16"	40cm/16"	40cm/16"
D	sleeve	81cm/31"	82cm/32"	82cm/32"	83cm/33"

### Packaging info:

Size of the single pack - 35x45cm  
 Size of the box - 35x45x30cm, 15pcs,  
 Gross weight of the box: 8kg

## Instructions :

### -Cleaning instructions:



### -Instructions for usage:

- 1 / Please carefully check that the packaging or the PPE is not damaged before you decide to use it;
- 2/ It's always better to wear on personal cotton clothes;
- 3 / Place the mask and gloves on your body before putting on the protective Anti-Virus Body Suit. After the Body Suit is on, then place the shield and shoes.
- 4/Do not cut or damage the overall with sharp objects - knife, scissors, needles ect during the process of opening the package or when you wearing the coverall
- 5/ Keep away from fire.

### -What makes full isolation

To ensure complete protection of the human body, the wearers needs to protect themselves with a shield and/or goggles, mask, isolation gloves and stockings or socks.

## Storage and disposal:

- Store in dry, clean conditions in original packaging, away from direct sunlight, sources of high temperature, and solvent vapours
- Store within the temperature range -10°C to +25°C (14°F to +77°F) and with relative humidity below 80%



**STORAGE GUARANTEE**

- Expected shelf life is ten years from date of manufacture when stored as stated
- Replace garments if damaged, heavily contaminated or in accordance with local work practice or regulations
- Handle and dispose of contaminated garments with care and in accordance of applicable regulations



Producer:



Made in Europe

**GET  
SAFE**  
born to protect you