

## Complete suit found or type unknown

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## Complete suit

The Matcon line of air supplied protective clothing is a result of long research and developments. Independent studies / tests meet the stringent requirements of European CE regulations. The range consists out of a; hood, half suit (blouse) and full suit.

The line of clothing is made in a wide range of materials and laminate-coated fabric in order to provide protection against chemical liquids, gases, dust, aerosols and radio active particles protection. The air system provides the whole suit of air. A wide panoramic visor flexible or rigid visor possibly with an additional cross visor. The spacious main area offers plenty of freedom of movements and maximum visibility. All suits contain sufficient exhalation valves so that an excess pressure vented and that a pressure remains within the suit. Eyelets are attached to make sure that the suit may be to the suspension frame (3 point pendant) if the suit is not in use. Properly stowed

The suit is equipped with fixed connected and is a cuff system for the exchange of the gloves. Also the legs are fixed connected in order to realize a complete suit. Per minute 55 liters of cool air supplied to each arms and legs for ventilation.

The suits are user friendly to work with and developed for practical use.

## Specifications:

- Maximum air consumption
- Glove interchangeable system
- Unique Matcon cuff system
- Meets CE standards:
  - EN 14594
  - EN 14605 type 3 PB [3] and type 4 PB [4]
  - EN340

Requirements	Results
-CO <sup>2</sup> level not higher than 1%	-CO <sup>2</sup> level 0.3%
-Noise level less than 80dB (A)	-Noise level 75 dB (A)
<b>Extra options:</b>	
-Internal leakage does not exceed 0.05%	-Internal leakage 0.002%
-NPV 20	-NPV 200

- Zipper options
  - Plastic zipper with double guide
  - Metal zipper with single guide
  - Liquid and gas tight zipper

All zippers are horizontal chest fixed and protected by a flap which can be loose, performed with velcro or performed with snaps, but the zip can also be positioned at the side or at the back.

- Extra outer visor (0,5 mm with Velcro spots for connection or 0,2 mm with double sided tape)
- Flow controller
- Cooling of Heater of the air.
- Available in different materials:
  - PVC, antistatic and flame retardant PVC, Neoprene, Hypalon, Butyl, Viton, MAT TECH (material with limited useful life), etc.

- Visor options:
  - 1.5mm hard / rigid wide visor possibly with an additional cross visor
  - totally transparent flexible visor, offers a 360° panoramic view
- Trouserleg options:
  - single plain leg
  - Elastic inner leg with elastic strap and a straight outer leg
  - Elastic inner leg with an elastic footstrap and elastic outside leg
  - Sock option with straight outer leg
  - Sock option with elastic outer leg
  - Solid safety boots with steel toe cap and midsole which are -permanently attached to the suit.

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