

# PRODUCT INFORMATION

## Protective coverall DuPont™ Tychem® 2000 C for chemicals and biological agents

### Scope of application and properties

- + **Maximum protection and comfort:** Type-tested and certificated as complex PPE category III, chemical protective clothing type 3-B, 4-B, 5-B and 6-B; Overall with high neckline, hood and thumb loop, stitched and overtaped seams, zip with self-adhesive stormflap, elasticated cuffs, ankles and waist. Particle tight, liquid tight up to 2 bars, antistatic coating.
- + **Application range:** Coverall for handling chemicals, oils and biological agents (including viruses).
- + **Protective properties:** Reliable protection against numerous water-based inorganic chemicals at low concentrations (even under pressure) and hazardous particles (category III, type 3). Protection against infective agents. Protection against radioactive particles.
- + **Directions for use:** Keep away from flames or intensive heat.
- + **Change interval:** Maximum wear in accordance with the permeation list<sup>1)</sup>, for biological hazards maximum of 1 working shift, in case of visible contamination immediately! Single use only!
- + **Before use:** Check for any damage! **Do not use damaged coveralls!**
- + **Disposal:** Waste requiring supervision (waste code: 18 01 04 in accordance with 2000/532/EC); in case of heavy contamination, waste requiring special supervision<sup>5)</sup> (waste code: 18 01 08\*) in accordance with 2000/532/EC; collect and dispose of waste separately!
- + <sup>1)</sup>: Dependent on chemicals/CMR-pharmaceutical drugs used.  
<sup>2)</sup>: Any types of waste marked with (\*) is hazardous waste in accordance with the German § 41 of the KrW-/AbfG.

### Types

Size	Chest girth (cm)	Height (cm)	No. per PU*	Order No.: (non-sterile)
M	92 – 100	168 – 176	5 pieces	125650
L	100 – 108	174 – 182	5 pieces	125652
XL	108 – 116	180 – 188	5 pieces	125654
XXL	116 – 124	186 – 194	5 pieces	125656

### Material properties

Material	Tyvek® polyethylene spun fleece
Material weight	83.25 g/m <sup>2</sup>
Liquid tight coating	Polymeric coating
Colour	yellow

### Protection against mechanical hazards

Mechanical hazards tested in accordance with EN 14325

Requirements	Performance level
Abrasion resistance (1-6) to EN 530	5
Seam resistance (1-5) to ISO 13935-2	> 125 N
Flex cracking resistance (1-6) to ISO 7854	3
Puncture resistance (1-5) to EN 863	2
Tensile strength to EN ISO 13934-1	3

## Protection against chemical hazards

Protection from chemical hazards: Permeation to EN ISO 6529

Chemical	Breakthrough time <sup>1)</sup>	Repellency class
Sodium hydroxide, 40%	> 480 min	6
Nitric acid, 70%	172	4
Sulphuric acid, 98%	> 480 min	6
Hydrofluoric acid 48%	> 480 min	6
Chrome sulfuric acid 80%	> 480 min	6
Potassium chromate solution (saturated)	> 480 min	6

<sup>1)</sup>: Movement of a chemical through a material on a molecular level. The performance class does not reflect the actual duration of protection at the workstation!

## Protection against biological hazards

Penetration tested in accordance to EN 14126

Test	Performance class
Resistance to penetration by biologically contaminated aerosols (ISO 22611)	3 of 3
Resistance to penetration by blood-borne pathogens using bacteriophage Phi-X174 B to ISO 16604-D	6 of 6
Resistance to penetration by contaminated liquids	6 of 6
Resistance to penetration by contaminated dust	3 of 3

## Care instructions

See instructions for use leaflet

### Notified body: „0120“

SGS United Kingdom Limited

## Quality management system

Our quality management system is tested and certified by TÜV Management Service GmbH in accordance with EN ISO 9001:2008. Regular audits and production site inspections guarantee the quality of our products.

## Storage and transport requirements:

Dark (protect from UV-light) and cool (+15 to +25°C), dry

## Shelf life

10 years from the date of manufacture

## Manufacturer / Distributor

DuPont Personal Protection, L-2984 Luxembourg  
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