

PRODUCT INFORMATION

Protective coverall DuPont™ Tyvek® Classic Plus

Coverall 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 4-B, 5-B and 6-B. Lightweight overall with high neckline, hood and thumb loop, stitched and overtaped seams, zip with self-adhesive stormflap, elasticated cuffs, ankles and waist. Breathable material, permeable to air and water; antistatic coating. Sterile coverall suitable for cleanrooms up to ISO class 5 / GMP class B.

- + **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 and hazardous particles larger than 1 µm (category III, type 4-B). 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 list¹⁾, 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 supervision²⁾ (waste code: 18 01 08*) in accordance with 2000/532/EC; collect and dispose of waste separately!

¹⁾: Dependent on chemicals/CMR-pharmaceutical drugs used.

²⁾: Any types of waste marked with (*) is hazardous waste in accordance with the German § 41 of the KrW-/AbfG

Versions

Size	Chest girth (cm)	Height (cm)	Item No.	
			Non-sterile (25 pcs)	Sterile (6 pcs)
S	84 – 92	162 – 170	100109	100110
M	92 – 100	168 – 176	125685	125680
L	100 – 108	174 – 182	125686	125681
XL	108 – 116	180 – 188	125687	125682
XXL	116 – 124	186 – 194	125688	125683
XXXL	124 – 132	192 – 200	100098	100097

Material properties

Material	Tyvek „Impervious Technology
Material weight	65 g/m ²
Seams	overtaped blue seams

Protection against mechanical hazards

Mechanical hazards tested in accordance with EN 14325 (05/04). Performance level coding as follows:

Physical Properties	Performance level
Abrasion resistance (1-6) to EN 530	2
Seam resistance (1-5) to ISO 13935-2	>75 N
Flex cracking resistance (1-6) to ISO 7854	6
Puncture resistance (1-5) to EN 863	2

Protection against chemical hazards

Protection from chemical hazards: Permeation to EN 374-3

Chemical	Breakthrough time	Performance level
Carmustine (3,3 mg/ml)	>480 min	6
Cisplatin (1mg/ml)	>480 min	6
Doxorubicin HCL (2 g/ml)	>480 min	6
Fluorouracil, 5 (10 mg/ml)	>480 min	6
Ganciclovir (3 mg/ml)	>480 min	6
Irinotecan (20 mg/ml)	>480 min	6
Mitomycin C (0,5 mg/ ml)	>480 min	6
Oxaliplatin (5 mg/ml)	>480 min	6
Paclitaxel (6 mg/ml)	>480 min	6
Sodium chloride (9 g/l)	>480 min	6
Thiotepa (10 mg/ml)	>480 min	6
Vinorelbine (0,1 mg/ml)	>480 min	6
Sodium hydroxide, 40%	>480 min	6
Sulphuric acid, 30%	>240 min	5
Sulphuric acid, 18%	>480 min	6

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

Protection against biological hazards

Penetration tested in accordance to EN 14126:2009

Test procedure	Performance class
Resistance to penetration by biologically contaminated aerosols (ISO 22611)	1 of 3
Resistance to penetration by blood and body fluids using synthetic blood in accordance to ISO 16603	3 of 6
Resistance to penetration by blood-borne pathogens using bacteriophage Phi-X174 B to ISO 16604-D	-
Resistance to penetration by contaminated liquids	1 of 6
Resistance to penetration by contaminated dust	1 of 3

Care instructions

See instructions for use leaflet

Quality management system

Our quality management system is tested and certified by TÜV Management Service GmbH (a certification body accredited by the German Accreditation Council) in accordance with DIN EN ISO 9001:2008. Regular audits and production site inspections guarantee the quality of our products.

Notified body „0120“

SGS United Kingdom Limited

Storage and transport requirements

- + Dark (protect against UV light)
- + cool and (+15 to +25°C), dry
- + No contact with pointed or sharp objects

Shelf life

- + non-sterile 10 years
- + sterile 4 years from date of manufacture

Manufacturer / Distributor

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