

Protection and safety at work



ProChem® I

Material
CLF® | F | CPM® | C



ProChem® II

Material
CLF® | F



ProChem® III

Material
CLF® | F | CPM® | C



ProChem® IV

Material
CLF®



ProChem® V

Material
CLF®



ProChem® VI

Material
TK

ProChem® Line

PROTEC® Line

MULTI® Line

ProChem® I

ProChem® II

ProChem® III

ProChem® IV

ProChem® V

ProChem® VI



PROTEC®
Comfort



PROTEC®
Classic



PROTEC®
Plus



MULTI®
Econ



MULTI®
Klean



MULTI®
Tee



MULTI®
Splash

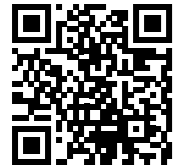


EN 1149-5 EN 14126 EN 1073-2 Type 3 Type 5 Cat. III



Coverall Prochem® III C

Cat. III, type 3B, 5



ProChem® III C, made of an antistatic material Tychem® C, is a full protection suit, designed for use with a filter unit.

The model also provides optimal protection against radioactive fibers, particles and dust as well as against liquid inorganic chemicals (also under pressure) and biological hazardous substances. The standard coverall has elastic thumb loops to prevent the sleeves from slipping when working overhead. The double front entrance cover is closed with double-sided adhesive tape. The use of a filtering device eliminates the use of a face mask and extends the wearing time. Placing it underneath the suit (only the filters are on the outside) prevents its contamination. The high-transparency panoramic visor provides an excellent field of view.

Application:

Removal of contamination, work on decontamination, work with solid and liquid hazardous substances, cleaning of tanks and channels, inspections of machinery and equipment, work in clean rooms, pharmaceutical industry, making industrial coatings, visiting workplaces, construction works, nuclear technologies, agriculture and security plants.

Standard design (no options):

- 1 Elastic ribbing on sleeves, legs and waist
- 2 Double zipper cover, closed with double-sided adhesive tape
- 3 Transverse front entry opening
- 4 Loose fit for optimal freedom of movement
- 5 Elastic thumb loops



Material: Tychem® C

Options:

The following additional options for ProChem® suits are at your disposal:

- A Socks (EX area, ergonomic)
- B Shoe upper cover
- C Reinforcement on elbows and knees
- D Connection cover with glove
- E Double pleat fastened with doppel tape
- F Chemical protection gloves
- H Shoe covers with anti-slip and anti-static sole

We are happy to provide you with configuration support and individualization.

Option examples:

Option F:
Nitrile chemical gloves



Option H:
Antistatic sole shoe cover (H1)



Option L:
Distribution for ProFlow 160 liters / minute (L2)



Material properties:

Colour: yellow

Weight: 83 g/m²

Fabric physical properties	Test method	Unit	Result	EN Class
Abrasion resistance	EN 530:2010	Cycles	>1500	5 / 6
Puncture resistance	EN 863:1997	N	18	2 / 6
Trapezoidal tear resistance	ISO 9073-4:1999	N	L 35 / Q 30	1 / 6
Durability on stretching	EN ISO 13934-1:2013	N	L 160 / Q 150	3 / 6
Surface resistivity	1149-5	Ohm	< 2,5 x 10 ⁹	
Weight	DIN ISO 536	g/m ²	83	N/A

CE:

Type 3B: Protective clothing against exposure pressurized fluid stream	EN 14605
Type 5: Resistant protective clothing against solid particles	EN ISO 13982-1
Antistatic:	EN 1149-5
Biobarrier:	EN 14126
Counteracting radioactive contamination:	EN 1073-2
Helmet or hooded fan filters:	EN 12941

Permeation Information for Tychem® C according to EN 369:

Chemical	Physical state	CAS	EN 369
Chromic anhydride	Liquid	1333-82-0	> 480 min.
Formaldehyde (10%)	Liquid	50-00-0	> 480 min.
Formaldehyde (30%)	Liquid	50-00-0	> 480 min.
Potassium cyanide (10%)	Liquid	151-50-8	> 480 min.
Sodium hydroxide (50%)	Liquid	1310-73-2	> 480 min.
Sodium hydroxide conc.	Liquid	1310-73-2	> 480 min.
Sodium hypochlorite (12%)	Liquid	7681-52-9	> 480 min.
Oleum (40% free SO ₃)	Liquid	8014-95-7	> 105 min.
Phosphoric acid (85%)	Liquid	7664-38-2	> 480 min.
Mercury	Liquid	7439-97-6	> 480 min.
Nitric acid (70%)	Liquid	7697-37-2	> 480 min.
Sulphuric acid (98%)	Liquid	7664-93-9	> 480 min.
Hydrogen peroxide (50%)	Liquid	7722-84-1	> 480 min.