

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®
Comfort



PROTEC®
Classic



PROTEC®
Plus

PROTEC® Line



MULTI
Econ



MULTI
Klean



MULTI
Tee



MULTI
Splash

MULTI® Line

ProChem® I

ProChem® II

ProChem® III

ProChem® IV

ProChem® V

ProChem® VI





Coverall ProChem® I C

Cat. III Type 3, 4, 5, 6



ProChem® I C coverall provides effective protection against inorganic chemicals, biological hazards, and contamination from particles, fibers and dust (also radioactive).

The standard coverall has elastic thumb loops. They prevent the sleeves from slipping while working with arms raised above the head. The zipper is covered with two flaps closed with Velcro. Velcro fastening allows the re-use of an uncontaminated suit, unfastening it during use as well as correcting improper closure.

The standard version of the suit can be expanded with a wide system of options.

Application:

Removal of pollutants (e.g. asbestos), fire brigade and emergency services, decontamination work, work with solid and liquid hazardous substances, work in clean rooms, inspections of machinery and equipment, visiting workplaces, applying industrial coatings, construction work, cleaning tanks and canals, agriculture / plant protection, food industry, pharmaceutical industry, police investigations, nuclear technologies, varnish and paint work.

Standard design (no options):

- 1 Rubber ribbing on sleeves, legs and hood
- 2 Ergonomic hood
- 3 Double zipper guard, Velcro fastening, extended to the chin
- 4 Adjustable velcro chin guard
- 5 Elastic thumb loops



Material: Tychem® C

Options:

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

- A Boot Sock (EX area, ergonomic)
- B Boot upper protection
- C Reinforcement on elbows and knees
- D Glove-connection cover
- E Chin guard and self-locking zipper
- F Gloves for chemical protection
- H Boot covers with anti-slip and anti-static soles

We are happy to support you in configuring and customisation.

Examples of options:

A+B options:
Sock and leg cover



F options:
Chemical-resistant gloves



Material properties:

Colour: yellow

Basic Weight: 83 Gr./m²

Fabric physical properties	Test method	Thickness	EN-Class
Abrasion resistance	EN 530 (Meth. 2)	>1500 <2000 Z	5 of 6
Flex cracking resistance	EN ISO 9073-4	19 / 30,2 N	1 of 6
Burst resistance	EN ISO 13938-2 ISO 2960 (50cm)	128,3 kPa	2 of 6
Puncture resistance	EN 863	16,7 N	2 of 6
Surface resistance at 25% RH	EN 1149-1	Inside 1,1 x 10 ¹⁰ Ohm	N/A
Basis weight	EN 12127	84,6 g/m ²	N/A
Thickness	EN ISO 9073-2	0,237 mm	N/A
Blocking	EN 25978 (ISO 5978)	No blocking	2 of 2

CE:

Type 3B: Protective clothing against a jet of liquid under pressure	EN 14605
Type 4: Protective clothing against spraying	EN 14605
Type 5: Protective clothing against solid particles	EN ISO 13982-1
Type 6: Garments with limited protection against liquid chemicals.	EN 13034 + A1
Antistatic:	EN 1149-5
Biobarrier:	EN 14126
Protection against contamination by radioactive particles	EN 1073-2

Permeation data Tychem® C – EN 369

Chemical	Physical state	CAS	EN 369
Chromium trioxide	Solid	1333-82-0	> 480 min.
Dichloromethane	Liquid	75-09-2	S
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.	Solid	1310-73-2	> 480 min.
Sodium hypochlorite (12%)	Liquid	7681-52-9	> 480 min.
1-chloro-2-nitrobenzene	Solid	88-73-3	15 min.
Oleum (40% free SO ₃)	Liquid	8014-95-7	>480 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.