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® Kleen

MULTI® Tec

MULTI® Splash

MULTI® Line

PROTEK system ProChem® II F

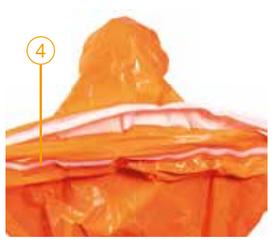
ProChem® II

EN 1149-5 EN 14126 EN 1073-2 Type 3 Type 4 Type 5 Type 6 Cat. III

Coverall Prochem® II F

Cat. III, type 3B, 4, 5, 6

ProChem® II F



ProChem® II F provides effective protection against high concentration of organic and inorganic chemicals, biological hazards, and contamination from particles, fibers and dust (including radioactive). The suit also provides protection against combat agents.

The standard version of the ProChem® II F coverall has elastic thumb loops. They prevent the sleeves from slipping while performing overhead work. The entrance to the suit is closed with a zipper and is located on the back. It is secured with two Velcro-fastened flaps.

A face shield made of butyl perfectly seals the outside of the full face mask. If the suit and any optional equipment are not contaminated and / or mechanically damaged during operation, it can be reused. Incorrect closure of the lock cover can also be corrected without any problems.

Application:

Removal of contamination, fire brigade and emergency services, decontamination work, work with solid and liquid hazardous substances, cleaning of tanks and sewers, inspections of machines and devices, work in clean rooms, pharmaceutical industry, industrial coatings, visiting workplaces, construction works, food industry, police investigations, nuclear technology, varnish and paint work, agriculture and plant protection.

Standard design (without options):

1 Elastic ribbing on sleeves, legs and waist
2 Butyl face shield
3 Double zipper flap with Velcro fastening
4 Transverse rear entry opening
5 Loose cut for optimal freedom of movement
6 Elastic thumb loops

Material: Tychem® F

Material properties:

Colour: grey, orange

Weight: 120 g/m2

Fabric physical properties	Test method	Unit	Result	EN Class
Abrasion resistance	EN 530:2010	Cycles	>2000 Z	6 / 6
Puncture resistance	EN 863:1997	N	26	2 / 6
Trapezoidal tear resistance L/Q	ISO 9073-4:1999	N	L 40 / Q 35	2 / 6
Tensile strength	EN ISO 13934-1:2013	N	L 240 / Q 245	3 / 6
Surface resistance at 25% RH	1149-5	Ohm	2,5 x 10^9 Ohm	N/A
Basis weight	DIN ISO 536	Gr./m2	120	N/A

Options:

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

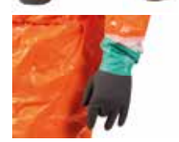
A Socks (EX area, ergonomic)
B Shoe upper cover
C Reinforcement on elbows and knees
D Connection cover with glove
E Double pleat fastened with doppel tape
F Chemical protection gloves
H Shoe covers with anti-slip and anti-static sole

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

Option examples:

A + B options:
Socks with leg covers

F options:
Chemical-resistant gloves



CE:

Type 3B: Protective clothing against exposure pressurized fluid stream	EN 14605
Type 4: Spray-resistant protective clothing	EN 14605
Type 5: Resistant protective clothing against solid particles	EN ISO 13982-1
Type 6: Limited tightness against sprays	EN 13034 + A1
Antistatic:	EN 1149-5
Biobarrier:	EN 14126
Counteracting radioactive contamination	EN 1073-2

Permeation data Tychem® F – ISO 6529

Chemical	Physical state	CAS	EN 369
Acrylamid	Liquid	79-06-01	> 480 min.
Formic acid (50%)	Liquid	64-18-6	> 480 min.
Formic acid	Liquid	62-53-3	> 480 min.
Aniline	Liquid	8006-61-9	> 480 min.
Benzene	Liquid	71-43-2	> 480 min.
Chlorine	Liquid	7782-50-5	> 480 min.
Diesel fuel	Liquid	-	> 480 min.
Diethylamine	Liquid	109-89-7	> 480 min.
Acetic acid (Glacial acetic acid)	Liquid	64-19-7	> 480 min.
Ethyl acetate	Liquid	141-78-6	> 480 min.
Ethylene oxide	Gas	75-21-8	120 min
Hydrofluoric acid	Liquid	7664-39-3	> 480 min.
Formaldehyde (37%)	Liquid	50-00-0	> 480 min.
Hexane	Liquid	110-54-3	> 480 min.
Methanol	Liquid	67-56-1	> 480 min.
Sodium hydroxide (50%)	Liquid	1310-73-2	> 480 min.
Phenol (85%)	Liquid	108-95-2	280 min.
Phosgene	Gas	75-44-5	> 480 min.
PCB	Liquid	11097-69-1	> 480 min.
Nitric acid (70%)	Liquid	7697-37-2	> 480 min.
Sulphuric acid (98%)	Liquid	8014-95-7	> 480 min.
Styrene	Liquid	100-42-5	> 480 min.
Tetrachlorethylene	Liquid	127-18-4	> 480 min.
Toluene	Liquid	108-88-3	> 480 min.
Vinyl acetate	Liquid	108-05-4	> 480 min.
Hydrogen peroxide (50%)	Liquid	7722-84-1	> 480 min.
Xelene (Iso-mix)	Liquid	1330-20-7	> 480 min.

Attention! All ProChem® suit models are certified as limited-life chemical protective clothing.
Only the user decides whether the suit can be reused. Protek-System Sp. z o.o. is not responsible for improper use of ProChem® suits.