

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





## Coverall PROTEC® Comfort Industry

Cat. III, type 5, 6

The PROTEC® Comfort Industry model provides effective protection against dust, particles, fibers and fog of the dispersed substance (aerosols).

The back of the suit is made of breathable SMMS ensuring optimal wearing comfort. Extended zipper flap and adhesive chin guard guarantee perfect tightness.

Elastic thumb loops prevent sleeves from slipping when performing work with arms raised above the head.

PROTEC® Comfort Industry has antistatic properties and is compliant with the EN1149-5 standard.

### Application:

Neutralization of contaminated sites (e.g. asbestos), works decontamination, handling of solids and liquids hazardous substances (no pressure), control works, inspection, construction, industrial painting, cleaning reservoir channels, agriculture / plant protection, industry food, pharmaceutical industry, police income daily, resin coatings, nuclear sector, paints and varnishes.

### Design:

- 1 Ribbed cuffs, legs
- 2 Head protection (here as additional option – not included)
- 3 Elasticated waist for a good fit
- 4 Self-adhesive zipper cover
- 5 Adhesive chin guard
- 6 Large, rear panel made of airy SMMS
- 7 Spacious cut with a gusset in the crotch
- 8 Elastic thumb loops



PROTEC® Comfort Industry



Material: Layer / microporous film / SMMS

Colour:

front white, back blue

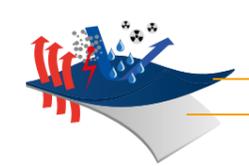
Material properties:

SMMS:



- 1 Molded polypropylene
- 2 PP barrier layer
- 2 PP barrier layer
- 3 Molded polypropylene

Microporous foil laminate:



- 1 breathable laminate
- 2 molded polypropylene

Weight

65 g / m<sup>2</sup>

CE:

Type: 5 Resistant protective clothing against solid particles	EN ISO 13982
Type: 6 Limited tightness against sprays	EN 13034
Antistatic	EN 1149-5
Counteracting radioactive contamination	EN 1073-2*

### Penetration data accordingly EN ISO 6530

Chemical	Penetration PL class	Resistance PL class
Sulphuric acid (30%)	3	3
Sodium hydroxide (10%)	3	3
o-xylene (undiluted)	N.C.	N.C.
Buthan-1-ol (undiluted)	N.C.	N.C.

### Material Properties:

Fabric physical properties	Test method	Unit	Result	EN-Class
Abrasion resistance	EN 530 method 2	Cykle	<500	3
Flex cracking resistance	ISO 7854 method B	Cykle	>100.000	6
Trapezoidal tear resistance	ISO 9073-4	N	MD 20 < N < 40	3
Tensile strength	EN ISO 13934-1	N	MD 120 N <- CD 78 N	1
Puncture resistance	EN 863	N	50 < N < 100	2
Surface resistivity	EN 1149-5:2018	Ohm	<2,5 x 10 <sup>9</sup>	OK
Seam strength	EN ISO 13935-2	N	87 N	2
PH white	EN 13688	PH	3,5 > ph > 9,5	OK
PH blue	EN 13688	PH	3,5 > ph > 9,5	OK
Aromatic amines –blue	EN 14362-1	-	Not detected	OK
Particle density	EN 1073-2:2003			1

### Legend:

> = greater than <= less than N = Newton Z = cycle "L" = longitudinal "Q" = transverse

\* Does not provide protection against radioactive radiation.

There are activities, environments and also chemicals that these coveralls cannot be used on. It is the sole responsibility of the user to verify that these suits are suitable for the particular type of use. Protection and safety at work