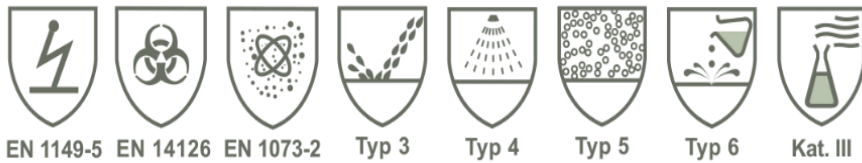




# Special Personal CBRN Protection Kit for Rescuers

## SIKZR-II





**EN 14605**  
**EN ISO 13982-1**  
**EN 14126**  
**EN 1149-1**  
**EN 1073-2**

**Protection Category – III**  
**Protection Type - 3B, 4, 5, 6**



### Personal CBRN Protection Kit SIKZR-II

Designed to protect against warfare toxic agents, hazardous industrial chemicals, biologically dangerous substances, particulate contamination, fibers, and dust (including radioactive dust).



### Construction:

- A full-body suit that is worn through a horizontal opening on the back;
- A butyl collar around the face opening of the hood, ensuring a tight fit to the protective mask;
- Elastic cuffs on the sleeves and pants, and an elastic waistband;
- A thumb loop to prevent the sleeve from sliding down;
- The zipper is protected from liquid penetration and is additionally covered with a protective flap with a Velcro fastener.
- The inner side of the suit is covered with fleece lining.

### Supply Kit:

- ProChem II CLF protective suit;
- Protective gloves PHB-2B;
- Protective boots;
- Transport case (bag).

### Additional:

- Protective mat;
- Special tape.

# Pro Chem II CLF

| Physical properties                        | Testing method         | Result                  | EN class   |
|--------------------------------------------|------------------------|-------------------------|------------|
| Wear resistance                            | EN 530:2010            | >2000 cycles            | 6 out of 6 |
| Puncture resistance                        | EN 863:1997            | 28 H                    | 2 out of 6 |
| Tensile strength (lengthwise/crosswise)    | EN ISO 9073-4:1999     | 114 / 118 H             | 5 out of 6 |
| Tear resistance                            | EN ISO 13934-1:2013    | 243 / 236 H             | 3 out of 6 |
| Antistatic properties, surface resistivity | EN 1149-1<br>EN 1149-5 | $<1,2 \times 10^8$ Ohms | -          |
| Density                                    | DIN ISO 536            | 130 r/m <sup>2</sup>    | -          |

| Color                | Material | Material density     |
|----------------------|----------|----------------------|
| Orange, Olive, White | CLF      | 130 r/m <sup>2</sup> |

| Certification                              |                |
|--------------------------------------------|----------------|
| Type 3B, 4                                 | EN14605        |
| Type 5                                     | EN ISO 13982-1 |
| Type 6                                     | EN 13034 + A1  |
| Antistatic properties                      | EN 1149-5      |
| Protection against biological agents       | EN 14126       |
| Protection against radiation contamination | EN 1073-2      |

| Size | Height, cm | Chest circumference, cm |
|------|------------|-------------------------|
| S    | 162-170    | 84-92                   |
| M    | 168-176    | 92-100                  |
| L    | 174-182    | 100-108                 |
| XL   | 180-188    | 108-116                 |
| XXL  | 186-194    | 116-124                 |
| XXXL | 192-200    | 124-132                 |

Color: orange



# Chemical resistance

| Substance name<br>(industrial chemicals) | Physical<br>state | CAS №      | EN 369                |
|------------------------------------------|-------------------|------------|-----------------------|
| Acetone                                  | Liquid            | 67-64-1    | > 480 min             |
| Ammonium chloride solution (25%)         | Liquid            | 1336-21-6  | > 480 min             |
| Barium chloride (10%)                    | Liquid            | 17194-00-2 | > 480 min             |
| Benzene                                  | Liquid            | 71-43-2    | > 480 min             |
| Calcium chloride (10%)                   | Liquid            | 1305-62-0  | > 480 min             |
| Dichloromethane                          | Gas               | 75-09-2    | > 480 min             |
| Acetic acid (100%)                       | Liquid            | 64-19-7    | > 480 min             |
| Formaldehyde (37%)                       | Liquid            | 50-00-0    | > 480 min             |
| n-Heptane                                | Liquid            | 142-82-5   | > 480 min             |
| Potassium hydroxide (40%)                | Liquid            | 1310-58-3  | > 480 min             |
| Concentrated sodium chloride             | Liquid            | 7647-14-5  | > 480 min             |
| Concentrated sodium cyanide              | Liquid            | 143-33-9   | > 480 min             |
| Saturated sodium fluoride                | Liquid            | 76-81-49-4 | > 480 min             |
| Nitronium hydroxide (40%)                | Liquid            | 1310-73-2  | > 480 min             |
| Phosphoric acid (85%)                    | Liquid            | 7664-38-2  | > 480 min             |
| Pyridine                                 | Liquid            | 110-86-1   | > 480 min             |
| Nitric acid (70%)                        | Gas               | 7697-37-2  | > 480 min             |
| Hydrochloric acid (37%)                  | Liquid            | 7647-01-0  | > 480 min             |
| Sulfuric acid (96%)                      | Liquid            | 76-64-93-9 | > 480 min             |
| Toluene                                  | Liquid            | 108-88-3   | > 480 min             |
| Hydrogen peroxide (32%)                  | Liquid            | 7722-84-1  | > 480 min             |
| Chemical warfare agents                  | Physical<br>state | CAS №      | Military<br>standarts |
| Mustard gas                              | Gas               | 505-60-2   | 4320 min              |
| Lewisite                                 | Liquid            | 541-25-3   | 2400 min              |
| Sarin                                    | Liquid            | 96-64-0    | 7200 min              |
| VX nerve agents series                   | Liquid            | 50782-69-9 | 9300 min              |
| Chlorine                                 | Gas               | 7782-50-5  | 440 min               |
| Ammonium chloride                        | Gas               | 7647-41-7  | 90 min                |
| Hydrogen chloride                        | Gas               | 7647-01-0  | 1320 min              |
| Hydrogen fluoride                        | Gas               | 7664-39-3  | 3840 min              |
| Sulfur dioxide                           | Gas               | 7446-09-5  | 54 min                |



# Protective gloves PHB-2B

**Material:**

Butyl / Neoprene with inner cotton coating

**Kit composition:**

- Outer glove: Butoject 898 / Technic 420;
- Inner textile glove.

