



## FIREFIIGHTERS

*Fighting the most tangible of all visible mysteries – fire*

Guardian angels trained in firefighting, to extinguish fires that threaten life, property and the environment. Modern day soldiers in our towns and the most selfless public servants we will ever encounter. With appropriate gear, firefighters don't just surround and drown a fire - they go in. Our role is to be active part of the design and manufacturing of Personal Protective Equipment (PPE) that protects firefighters from serious injuries or illnesses resulting from contact with chemical, radioactive, physical, electrical, mechanical or other hazards.

### Examples of articles

- Firefighting suits
- First layer of jackets and trousers
- Underwear (Base Layers)
- Socks and stockings

### Benefits provided by RUDOLF's technologies

- [Oil and water repellence \(OWR\)](#) - Textile finishes with superior water and hazardous liquid chemicals repellence, making firefighting jackets repellent to chemical spills e.g. petrol, kerosene and protecting the wearer from overheating by outstanding insulation.
- [Hygiene textile finishes](#) - Durable control of (odor-causing) bacteria
- [Body moisture management](#) – supporting the temperature control and moisture management by finishing
- [Antistatic-finish](#) - high wash durability, prevents the formation of static charge
- [Restoring safety properties with textile care](#) – industrial laundry application

### Technologies

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|--|----------------------|
| <b>Finishing</b>                         | <b>Coating</b>       |
| - RUCO-GUARD® C6                         | - HYBRIDTEX® CLASSIC |
| - HYGIENE TEXTILE FINISH:<br>SILVERPLUS® | - ECO-VENT®          |
| - RUCO®-BAC HSA CONC                     |                      |
| - HYDROCOOL®                             | <b>Textile Care</b>  |
| - RUCO®-STAT                             | - RUCO®              |

### Contact Persons

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