



# GAROS G10

Protective suit for wildfire and technical rescue operations.

Certified in accordance with EN 15384 and EN 16689.

Breathable. Flexible. Light.

 rosenbauer



Two different versions of the GAROS G10 protective suit are available: one for wildfire only and one combined for wildfire and technical rescue operations. Both models are flame and heat resistant in accordance with ISO 11612 and comply with wildfire standard EN 15384. As a technical rescue suit, the GAROS G10 TR offers enhanced visibility to comply with the EN 16689 standard for technical rescue clothing.

# GAROS G 10.

## For wildfire and technical rescue operations.

The global climate is getting hotter. This translates into more call-outs throughout the year – not just in summer – as temperatures rise and, more specifically, the number of wildfires increases.

This is why Rosenbauer has developed the GAROS G10, a cost-effective protective suit that offers maximum wearing comfort even at high outside temperatures and during demanding physical work. Its field of operations: wildfire and technical rescue in hot weather.

### **Breathable, flexible, light**

Despite its flame resistant properties, the GAROS G10 is extremely lightweight due to its single-layer design, especially breathable due to choice of the materials used, and tailored to provide maximum freedom of movement. In addition, the lightweight suit – like the waterproof GAROS G30 – incorporates Rosenbauer design features from the popular FIRE FLEX premium fire protection suit. It protects firefighters who are not involved in indoor firefighting, but nevertheless work for hours at a time in extremely high temperatures.

### **Our name is our bond: Rosenbauer**

For more than 150 years, Rosenbauer has led the way as a pioneer and partner in emergency services. We are unique in our ability to deliver effective solutions for every single decisive moment in fire and disaster control. From preventive fire safety equipment to vehicles for every situation, from digital applications to personal and technical equipment. As system providers, Rosenbauer handles all these fields with competence and experience.

For Rosenbauer, perfection means preserving our legacy as a driver of progress. That's why we continue to set new standards with our technological innovations in fire and disaster control. Through in-depth conversations with our clients, we develop exactly the right solutions so that we can be at your side when you need us most. Worldwide. Everything you need to be optimally equipped for that decisive moment.

# The best protection for the hottest days.

**Perfect heat dissipation for greater comfort and endurance.**

When designing the GAROS G10, our goal was to minimize weight, maximize heat and moisture dissipation, and optimize mobility. This is the only way to ensure that firefighters can work long hours at high temperatures without tiring. The result is Rosenbauer's lightest and most breathable protective suit – for effective rescue work, even in the heat of summer.



The GAROS G10's extremely low weight, mobility enhancing design features, ventilating structure and ultra-breathable material make it the perfect protective suit for high outdoor temperatures.



### Minimized weight

Its single-layer design makes the GAROS G10 uniquely lightweight. Weighing in at a total of well under 2 kg for both the jacket and pants, this Rosenbauer protective suit is a real featherweight. It reduces the burden on emergency workers and prevents them from tiring quickly.

### Breathable material & ventilation openings

The vapor permeability of the fabric used for GAROS G10 suits is several times greater than that of waterproof fire suits. This is complemented by zippered vents along the side seams that provide additional ventilation where heat is most likely to accumulate first. Segmented reflective strips provide local optimized vapor diffusion. As a result, there are no undesirable vapor barriers in the GAROS G10.

### Universal fit, maximum mobility

Just like the FIRE FLEX and GAROS G30, the jacket of the GAROS G10 features a parallel design. The chest and hem width are the same, making the top suitable for all body shapes.

The elbow and shoulder joints feature pre-shaped articulated sections to provide optimum support for freedom of movement. The underarm gussets of the suit are fitted with stretch fabric so that wearers can raise their arms without the jacket slipping or limiting their range of motion.

### More finely-tuned sizing

The GAROS G10 protective suits are available in finely graduated sizes to suit all body types. Rosenbauer offers double sizes for the jacket in sizes 40-42 to 68-70 without exception, and single sizes for the pants in sizes 40 to 70.

 ~ 0.9 kg (2 lb) (size 48-50 C)		 ~ 0.9 kg (2 lb) (size 50 C)
Sizes 40-42 to 68-70		Sizes 40 to 70
Lengths A to E		Lengths A to E





**Higher degree of passive safety in the technical rescue version**

There is no difference in the active protection properties of the various color options of the GAROS G10. The GAROS G10 TR model with yellow shoulder and knee sections and adapted reflective strips is also approved for technical rescue operations: It offers enhanced visibility, thus increasing the passive safety factor for emergency personnel.

**Ultra lightweight, unbeatable heat dissipation**

The GAROS G10 is made of a single-layer blend of aramid, viscose and other fibers to ensure the lowest possible weight. For emergency personnel, the protective suit feels like a durable second skin rather than an unwieldy suit of armor. Plus, the thin layer is more effective in dissipating the heat generated by extreme physical exertion or long periods of use at high outdoor temperatures.



# Lightness is its strength.

## Ideal for sweat-inducing outdoor use.

Beat the heat – this is what the GAROS G10 is designed to do. That's why we made it from a heat and flame-resistant material with aramid fibers to protect its wearer from very high temperatures over short periods of time, such as those caused by sparks, falling branches or heated objects.

At the same time, the protective suit retains very little of the wearer's body heat. This prevents heat buildup for firefighters during physically demanding work and makes working long hours in high outdoor temperatures more bearable. This is a solid basis for maintaining stamina and concentration.

### High vapor permeability

In view of its intended use, the GAROS G10 is not equipped with a waterproof membrane: Instead of providing protection, a membrane would only be an additional burden when fighting wildfire and working in the summer heat. The absence of a waterproof layer and the overall lightweight material design increase vapor permeability by a factor of more than 4.



### Protection from heat and flames

The GAROS G10 protective suit is certified in accordance with:

- Forest fire standard EN 15384
- ISO 11612 (flame and heat resistance)
- EN 1149-5 (anti-static)



EN 15384:2022



EN ISO 11612:2015 A1 B2 C1



EN 1149-5:2018



EN 16689:2017

The GAROS G10 TR protective suit is additionally certified in accordance with:

- Technical rescue standard EN 16689

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..... GAROS G10 TR .....

# Its fields of operation: wildfire and technical rescue.

## ■ Design features of the GAROS G10 jacket.



### Two variants – different equipment options

The GAROS G10 protective suit is available as either basic or premium models. The premium features are marked with an \*.



■ Design features of the GAROS G 10 trousers.



# For a long service life.

## Development and production from a single source.

For decades now, Rosenbauer has been a pioneer in the development, manufacture and marketing of firefighting technology. Innovative power is of our core competencies. The development department responsible for personal protective equipment is the heart of our continuous technological development: the testing laboratory guarantees durability, and extensive real-life testing ensures maximum functionality.



### PPE from head to toe

Rosenbauer is unique in being the only supplier to manufacture the entire range of personal protective equipment for firefighting operations itself and is therefore able to supply perfectly matched equipment parts. From our HEROS helmets to protective suits, gloves and BOROS boots – everything is designed by our own in-house staff. The GAROS G10 protective suit joins the HEROS Matrix as the latest addition to the wildfire PPE portfolio.



### By firefighting professionals for firefighting professionals

From the initial idea to market maturity, Rosenbauer receives direct market feedback from within its own ranks. Many of our employees work for fire departments and provide real-world feedback throughout the development process. All personal protective equipment is tested under real-life conditions before being introduced to the market. The innovations we bring to the market are 100% in line with firefighters' needs and requirements.



### In-house product development and tailoring shop

We develop our protective garments for firefighters ourselves. Our product management, pattern development, design and pattern tailoring departments all work side by side, collaborating closely on new designs and on the continuous improvement of our protective suits. This also means that individual customer requirements or changes to standards can be implemented quickly.

### Maximum quality standards, state-of-the-art production standards

Our numerous certifications attest to our ability to meet the most exacting demands of firefighting departments around the world. Our network of audited and certified production partners in Europe ensures compliance with the highest standards and a sustainable supply chain for our protective gear.



# GAROS G10

Designed for wildfire and technical rescue operations.



## GAROS G10 protective suit

### Available sizes

Jacket: 40-42 to 68-70, all available in 5 lengths: A (156-164 cm), B (164-172 cm), C (172-180 cm), D (180-188 cm) and E (188-196 cm).

Pants: 40 to 70, all available in 5 lengths: A (156-164 cm), B (164-172 cm), C (172-180 cm), D (180-188 cm) and E (188-196 cm).

Model Use Color	GAROS G10 TR Wildfire/technical rescue gold/yellow	GAROS G10 TR Wildfire/technical rescue black-blue/yellow	GAROS G10 Wildfire gold	GAROS G10 Wildfire black-blue
Jacket	140850	140852	140854	140856
Pants	140851	140853	140855	140857

## Options

148541	<b>Knee pads</b>
1413523	<b>Premium version jacket</b> Includes adjustable collar, sleeve cuffs, breast pocket on the right, pen holder under the front flap, and inner pocket
1413524	<b>Premium version pants</b> Includes belt loops, knife pocket, adjustable leg width, and back pocket
140949	<b>Back print</b> in capital letters Line 1: FIRE DEPARTMENT, line 2: PLACE NAME, font height 4 cm Please specify the font color in the order!
1410621	<b>Velcro flap (fuzzy side)</b> for attaching a label to the back 38 x 8 cm
1410625	<b>Napoleon pocket</b> (pocket in zipper band)

## Accessories

1405966	<b>Nametag</b> embroidered on velcro tape, 15 x 3 cm. Please indicate the color of the tape and thread!
141062	<b>Back print on velcro</b> , size: 38 x 8 cm (only in combination with 1410621: fuzzy side on the back of the jacket)