



GAROS G30

Protective suit for technical rescue
and outdoor fire operations.

Certified in accordance with EN 469, EN
1149-5, EN ISO 11612 A1 B2 C1 and EN 343.

Light. Ergonomic. Versatile.

 **rosenbauer**

A firefighter wearing a high-visibility yellow and black GAROS G30 agility suit is seated in a control room. The firefighter is looking at a control panel with various buttons and a joystick. The control panel is mounted on a wall and has a red emergency stop button. The firefighter is wearing a black helmet with a yellow visor. The background shows a control room with various equipment and cables.

GAROS G30. The agility suit.



WAGNER F.

The EN 469 standard distinguishes between two levels of protection for protective suits. The GAROS G30 meets the same requirements as a fire protection suit (Y2 and Z2) in terms of protection against water penetration and water vapor resistance and fulfills level 1 (X1) on the heat and flame transfer index. This makes it noticeably lighter and very comfortable to wear during long operations and physically demanding activities.



GAROS G30.

For technical rescue and outdoor fire operations.

A protective suit that feels like a second skin and which emergency workers can wear for many hours without getting tired – this was the goal behind the development of the GAROS G30. To achieve this, Rosenbauer has adopted many features of the popular FIRE FLEX premium fire suit. With its ergonomic design, high-quality materials and minimal weight, the GAROS G30 is the perfect protective clothing for all firefighters operating in outdoor environments.

Increased comfort combined with outstanding cost efficiency

Only a small percentage of firefighters need the additional heat protection required for indoor fire fighting. This is why Rosenbauer has developed the GAROS G30, a protective suit that is the perfect choice for all other firefighting activities, while offering a very high level of comfort for the wearer. It offers considerable advantages in temperature regulation and freedom of movement to help firefighters cope with long and demanding operations. Another benefit of the GAROS G30 is its cost-effectiveness. This makes it the smart alternative when fire protection suits (level 2 for heat protection) are not actually needed.

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. Rosenbauer covers all of this with the comprehensive competence and skill of an experienced systems provider. For Rosenbauer, perfection means preserving our legacy as a driver of progress. That's why we are continually setting new standards with our technological innovations in fire and disaster control. We are in constant contact with our clients to find the perfect solutions, and we are right there whenever you need us. Worldwide. Everything you need to be perfectly equipped for that crucial moment.

Increased comfort for greater endurance.

Optimal support during long operations.

When we developed the GAROS G30, our goal was to optimize comfort for the wearer and maximize freedom of movement for rescue workers. A reduced weight combined with many of the advanced design features that have already been successfully implemented in the FIRE FLEX helps to prevent workers from tiring quickly and makes rescue work much easier.



Its lightweight, ergonomic design, sophisticated finishing touches, and high-quality materials make the GAROS G30 the perfect choice for long technical rescue operations.



Ergonomic design for maximum comfort and minimum weight

The key design feature of the GAROS G30 is the ergocut. This ergonomic cut makes sure the fit is just right. Instead of feeling like a piece of body armor, the jacket fits the wearer like a second skin. A new type of shoulder-arm section and pre-shaped elbow and knee areas improve freedom of movement for the wearer. Firmly sewn-in knee pads made of non-absorbent cellular rubber have been added to make working on the ground easier. Combined with the extremely low weight, all these features not only enhance the wearer's well-being and endurance, but also improve their agility and ability to move with confidence.

Comfortable means dry

To keep the wearer dry, all hems on the jacket and pants have been fitted with a moisture barrier made of flame-retardant and PU-coated para-aramid fabric. This effectively prevents moisture from being drawn up inside the suit. Needless to say, the entire GAROS G30 is wind and waterproof, but it also has a membrane that makes it breathable. It is fitted with segmented reflective strips, which are especially flexible, to further increase the vapor permeability of the suit.

Practical and durable

Reliability is everything, especially when it comes to personal protective equipment. That is why the GAROS G30 comes with a smooth-running plastic zipper. Not only does it close and open smoothly, it is also extremely resilient. The robust and flexible teeth are not affected by minor impacts – and this ensures functionality for many years of service.

More finely-tuned sizing

The GAROS G30 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.

 1.45 kg (size 48-50 C)		 1.50 kg (size 50 C)	
Sizes 40-42 to 68-70		Size 40 to 70	
Lengths A to E		Length A to E	



Perfectly balanced protection.

The ideal suit for technical rescue operations.

The principal requirements for a protective suit for firefighters are:

- heat and flame resistance
- water tightness and
- breathability

It needs to protect the wearer from excessively high external temperatures and humidity to avoid negative consequences for health and performance, while ensuring that the body maintains its natural ability to regulate its own temperature.

Certified in accordance with:

- EN 469:2020 (X1 Y2 Z2)
- EN 1149-5:2018
(electrostatic properties)
- EN ISO 11612:2015 A1 B2 C1
- EN 343:2019 (protective clothing – protection against rain)



The perfect companion for technical rescue operations

When developing the GAROS G30, Rosenbauer used a thinner version of the highly insulating heat protection layer from the FIRE FLEX fire protection suit. This offers enormous benefits for any rescue workers who do not engage in indoor firefighting:

- Improved dissipation of body heat increases endurance during periods of high activity.
- The thinner material allows for optimum freedom of movement and speed.
- The reduced weight makes the suit more comfortable to wear, ensuring that rescue workers can cope with long operations without tiring.

The fact that the inner lining is thinner does not affect the protection it offers against short-term exposure to heat, wind and water. This makes the GAROS G30 the perfect protective suit for technical rescue operations.







Many of the material and design features of the FIRE FLEX have also been incorporated into the GAROS G30. The GAROS G30 can also be ordered in a single color so that workers who are only equipped for technical rescue operations can be quickly identified at the scene.



Heat dissipating

The inner lining of the GAROS G30 is made from a blend of aramid and viscose. This provides heat protection to protection level X1. The reduced weight of the lining compared to the thermal lining of fire protection suits means that heat generated by the wearer as a result of physical exertion or during long operations at high outdoor temperatures can be dissipated more effectively.

Wear resistant

An extremely robust fabric made of flame-retardant, silicone-carbon coated para-aramid protects the hem, the knee and the inside of the pant cuff from mechanical wear. This ensures a long service life for the protective suit.

High-performance materials.

For peak performance at the scene.

Firefighters can't afford half-measures – especially when it comes to personal protective equipment. That's why the GAROS G30, like the FIRE FLEX suit, is made of materials that are not only robust and durable, but also meet the most exacting requirements in terms of flame resistance, waterproofness and vapor permeability.

GAROS G30: resilient, durable and lightweight

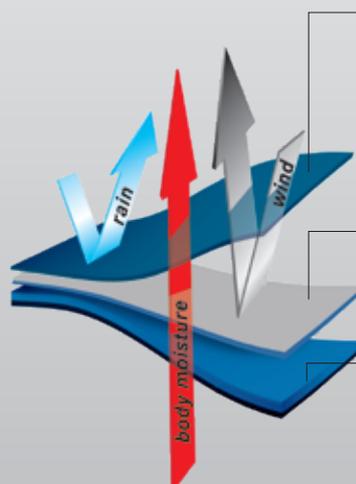
The outer material is NOMEX® NXT, which is highly resistant to mechanical stress and high temperatures. With its long-lasting waterproofing coating, it retains its ability to repel dirt and water for many years. This ensures that the breathable membrane underneath and thus the wearer are perfectly protected.



An inspection opening allows you to check the membrane quickly and easily.

Waterproof and vapor permeable

The membrane ensures that rain and extinguishing water cannot penetrate the composite fabric of the GAROS G30. To keep the wearer as dry as possible from the inside as well, this membrane is vapor permeable: moisture is quickly wicked away from the body to the outside of the garment, preventing any build-up of heat.



3 layers of fabric for protection from heat and the weather

Outer layer

NOMEX® NXT Temperature-resistant aramid fibers with long-lasting waterproofing coating .
Fabric weight: approx. 195 g/m²
Colors: black-blue, black-blue/red, black-blue/gold, gold, gold/blue, orange, orange/blue

Moisture protection

Waterproof and breathable membrane.
Fabric weight: approx. 150 g/m²

Inner lining

Blended fabric of aramid and viscose FR.
Fabric weight: approx. 160 g/m²

Premium equipment for technical rescue

■ Design features of the GAROS G30 jacket.



The GAROS G30 jacket incorporates many of the features from the FIRE FLEX line. The most important highlight here is the ergonomic cut. Combined with the reduced weight, it ensures maximum comfort for the wearer.

operations.

■ The GAROS G30 pants.



Flap covering fly, including zipper and velcro fastener

Two diagonal side pockets

Patch pockets on the thighs with glove holder ring

Ergonomically pre-shaped and reinforced knee section with padding

Moisture barrier at the pant hems

Elasticated side band for perfect fit at the waist

Velcro nametag fastener strip

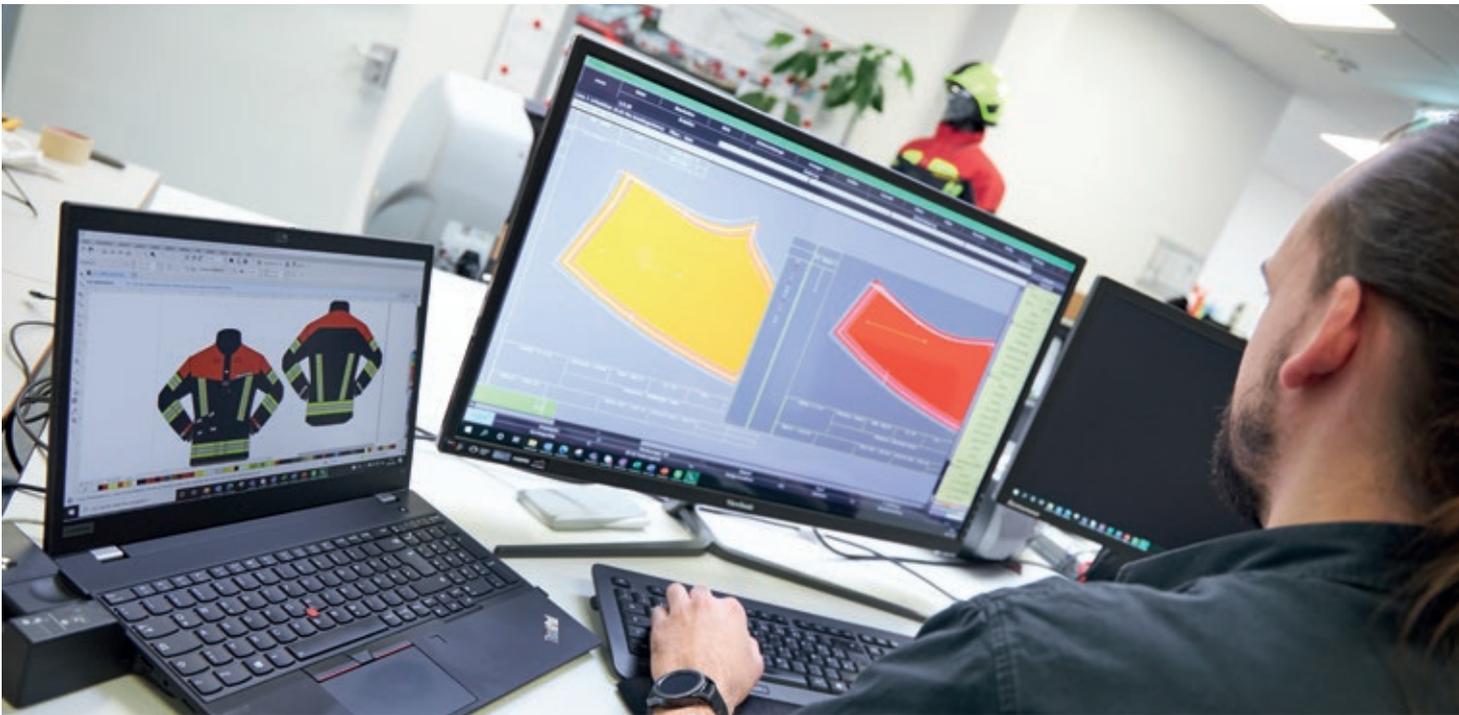
Breathable patched reflective strips

Especially wear-resistant facings made of flame-retardant para-aramid fabric with silicone-carbon coating

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. Our innovative power is without a doubt one of our strongest and most enduring core competencies. Our in-house development department and sample tailoring shop for personal protective equipment are core elements of our continuous technological development.



PPE from head to toe

Rosenbauer supplies perfectly coordinated protective gear from head to toe. We are the only supplier to manufacture the complete range of personal protective equipment for firefighting operations ourselves. All our bunker gear – from helmets and protective suits to gloves and boots – is designed by the company's own employees. Our HEROS helmets have set new industry benchmarks. Our protective suits increase workers' safety at the scene. Protective gloves and firefighting boots provide the perfect finishing touches to your personal protective equipment.



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 the needs and requirements of our customers.

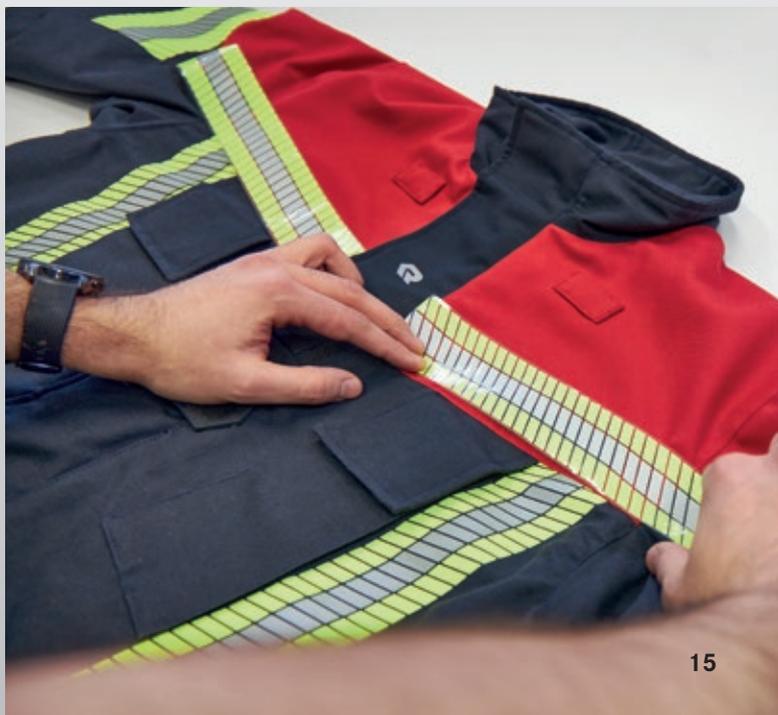


In-house product development and tailoring shop

We develop our bunker gear 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 our customers. 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 G30

Maximum comfort during technical rescue operations.



GAROS G30 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).

Outer fabric Color	NOMEX® NXT black-blue	NOMEX® NXT black-blue/gold	NOMEX® NXT black-blue/red	NOMEX® NXT gold	NOMEX® NXT gold/blue	NOMEX® NXT orange	NOMEX® NXT orange/blue
Jacket	140676	140693	140692	140678	140695	140690	140694
Pants	140677 (black-blue)			140679 (gold)		140691 (orange)	

Options

140949	Rear lettering permanently printed 1st line: FIRE DEPARTMENT, 2nd line: CITY NAME, font size 4 cm The font color must be indicated!
1410621	Fleece for sections spine label 38 x 8 cm
1409504	Sloping pockets inserted into the sides (below the jacket pocket)
1410625	Napoleon pocket (pocket in zipper band)

Accessories

1405966	Name tag embroidered on Velcro, 15 x 3 cm. Indicate color of tag and embroidery!
141062	Rear lettering on Velcro , two lines, size 8 x 38 cm (only in combination with 1410621: fleece part at the back of the jacket)



140949 Back print



1410625 Napoleon pocket



1409504 sloping pocket