

GLOROS T1

The new protective gloves for technical rescue operations from Rosenbauer



- Excellent wearing comfort and tactility thanks to a high-quality mix of materials and an anatomically optimized fit
- Maximum grip thanks to a special, gridded silicone coating in the palm area
- Optimal protective properties against mechanical dangers and short-term contact heat up to 250 °C

With the GLOROS T1, Rosenbauer is bringing a new protective glove for technical rescue operations onto the market. The successor to the RESCUE II has been revised and improved across all of its essential properties, has a high degree of wearing comfort, and offers an unmatched level of tactility and ergonomics for a glove with such high protection against mechanical dangers. This is due to both the anatomically optimized cut and the new materials with finer fabrics used for the GLOROS T1: blended fabric made of polyamide with elastane for the palm, nylon with elastane for the back of the hand, and high-strength yet soft KEVLAR® glass fiber composite for the inner lining, which completely envelops the fingers and thus also offers "all-round cutting protection." In addition, elastic neoprene inserts and folds for better movement are incorporated in the area of the wrist and finger joints, making it easier for the fingers to bend and ensuring greater maneuverability. The GLOROS T1 provides excellent haptic sensitivity when grabbing smaller objects such as pens or keys, meaning that such items are easier to feel when gripping and holding. This is also confirmed by the highest performance level (5) for dexterity according to EN 420, the standard for general requirements for protective gloves.

Most secure grip

A perfect grip is essential when it comes to protective gloves for rescue operations. And that is why special attention was paid to this aspect when developing the GLOROS T1, with the design of the inner surface of the glove incorporating a special silicone coating in a new type of grid structure. This enables gripping even smooth surfaces (e.g., aluminum ladders, window panes of vehicles, etc.), which are often wet or soiled with oily substances and therefore offer even less grip, by means of a kind of 'gecko effect'. Almost the entire palm surface is covered with this raised coating, with only minor interruptions at the bending folds of the fingers to also ensure a high level of mobility.

Best protective properties

Since hand injuries such as abrasions or cuts are a common occurrence during rescue missions and technical operations, the gloves used must offer a certain level of protection against these risks. In EN 388:2016, the standard for protective gloves against mechanical risks, the corresponding requirements, test methods, and labeling obligations are defined. The GLOS T1 meets the highest performance levels in terms of abrasion resistance and tear resistance, achieves the second highest value in terms of puncture resistance and, with protection level D on a scale from A to F, offers a high level of protection against cuts.

The tests are always carried out on material samples from the palm area, because this is where the gloves are subjected to the highest stresses. The performance levels achieved are visible on the product under the standard pictogram, whereby the cut resistance test of the GLOS T1 is based on testing of the processed high-performance fibers according to EN ISO 13997 (hence the labeling according to letters and not according to numbers) and not according to the so-called Coup Test, as is the case with gloves made of more standard materials.

To protect against the penetration of glass splinters and debris into the glove's interior, a cuff with an elastic strap on the wrist is also provided. In addition, the GLOS T1 is tested in accordance with EN 407, achieving contact heat level 2, meaning that it protects against temperatures of up to 250 °C for short periods of time when in contact with hot surfaces. All performance tests were carried out on the GLOS T1 after they were subjected to 25 washes, which is well above the number required by the standard (5).

Extensive wearing tests

When developing products, Rosenbauer doesn't just rely on theoretical specifications and compliance with standards, but also always tests new developments in practice before they are launched onto the market. The GLOS T1 has also been used by voluntary, professional, company, and airport fire brigades for an extended period of time, with their feedback being incorporated into the product design.

The new protective gloves for rescue operations can be cleaned at 40 °C, either by hand or in the washing machine. The GLOS T1 will be available from September in sizes 6 to 13.

Apropos GLOS

With the GLOS T1, Rosenbauer is not only introducing a new product but also a new name for its emergency gloves: RESCUE II, the predecessor protective glove for rescue operations, becomes the GLOS T1, and the SAFE GRIP 3 now becomes the GLOS F, where T stands for Technical/Rescue and F stands for Firefighting. The product name is a portmanteau of the words GLOves and ROSEnbauer, and this nomenclature will in future be rolled out across the entire Rosenbauer PPE range. With the HEROS (HElmetS of ROSEnbauer), this has already been the case for a long time. We are yet to reveal the future product names for Rosenbauer's operational boots and protective suits, but perhaps you can guess for yourselves!

To the new GLOS T1

The Rosenbauer Group

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