

TECHNICAL DATA SHEET

FIRE PROOF GTX F2A No. 89231

Sz. 38 - 48



LABELLING ACCORDING TO STANDARD

Standard for firefighting boots
DIN EN 15090

The shoe fulfils the norm for firefighting boots, DIN EN 15090. Heat-insulated at 250 °C (exposure time 40 minutes), best possible anti-slip properties (SRC)
The type F2A is characterized by its antistatic and penetration-resistant properties.

Standard for forestry boots
EN ISO 17249 S3

The shoe fulfils the norm for cut-resistant boots, EN ISO 17249, and is thus suitable when working with a power saw - chain speed up to 24 metres per second (protection level 2: 24m/sec.).

Additional requirements

SRC Slip resistance: Slip resistant on floors of ceramic tiles with a sodium lauryl sulfate (SLS) solution and on steel floors with glycerol. When it comes to slip resistance as defined by EN ISO 20345, SRC signifies the best possible rating a safety shoe can reach.

HI₃ HEAT INSULATED
To max. 250 °C for 40 minutes

HRO HEAT RESISTANT OUTSOLE
Heat resistance against contact heat, also during short-term high temperatures

CI COLD INSULATED

FORM

Fire-fighting boot





Form D - in size 42, the upper height must be at least 28.0 cm.

AREAS OF APPLICATION

Areas of application	<p>Outdoor areas</p> <p>Suitable for areas with particularly high safety requirements, preferably for fire service operations</p> <p>Areas with severe effects of heat</p> <p>Areas where there is a risk of chainsaw cuts</p>
----------------------	--

FEATURES

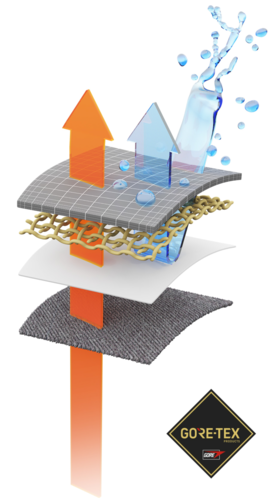
Sizes (unisex model)	<ul style="list-style-type: none"> Expanded size range: available in sizes 38 - 48
Certification in accordance with DGUV rule 112-191	<ul style="list-style-type: none"> Certified for orthopaedic inserts 
Full, padded bellows tongue	<ul style="list-style-type: none"> Excellent wearing comfort: The tongue prevents pressure marks and avoids dirt from entering into the shoe.
Collar padding	<ul style="list-style-type: none"> Excellent wearing comfort: the ankle-wrapping, softly padded upper edge provides for stability and grip in the shoe.
Ankle padding	<p>Excellent wearing comfort: the ankle-wrapping padding provides for stability and firm grip and prevents pressure marks.</p>
Reflective material	<ul style="list-style-type: none"> Good visibility in the dark 
Heel loop	<ul style="list-style-type: none"> Quicker into the shoe: The heel loop makes it easier to get inside the shoe
Combination of lacing and zipper	<ul style="list-style-type: none"> Allows the boots to be put on and taken off quickly Boots can be laced individually
Heat-resistant Nomex [®] laces and seams	<p>Best possible protection against flames, heat and chemicals. Cleaning does not affect the heat resistance.</p>
Abrasion-resistant toe protection	<ul style="list-style-type: none"> Directly applied to the upper in the shoe tip area Excellent wear protection in the shoe tip area Protects the upper in this critical area against premature wear

UPPER MATERIAL

Cowhide leather - fire-resistant	<ul style="list-style-type: none"> Areas of application S2/S3 Natural material Wear-resistant Breathable Water penetration/absorption in accordance with EN ISO 20345 S2
----------------------------------	---

LINING

Gore-Tex Performance Comfort Footwear



The GORE-TEX membrane prevents water from entering into the shoe, but still allows your feet to "breathe". This technology provides ideal climate comfort for all outdoor activities, even in the harshest weather conditions. All components of the shoe construction are precisely attuned to one another and are subject to constant quality controls.

The ALL-WEATHER membrane

The all-weather membrane constantly provides an ideal climate comfort inside the shoe in all wind and weather conditions. Keeps your feet cool in summer and warm in winter. Tiny pores keep wind and wetness outside.

TOE PROTECTION CAP

Steel toe cap



- Protection against impacts of min. 200 joules and pressure loading of min. 15 kN
- Permanent edge coverage for cushioning
- Ergonomically shaped
- Comfortable toe room
- Good coverage of the little toe area

INLAY SOLE

Full-length inlay sole



- The full-length, exchangeable inlay sole provides the highest possible comfort in safety shoes.
- The inlay sole is functionally absorbing and releasing moisture and thus provides for a pleasant foot climate.
- Antistatic

INSOLE

Antistatic soft-fleece insole

Antistatic, even if 100 % dry, without using additional means fulfilling a bridge function to the outsole.

- Approximately 50 % lighter than comparable soles made of natural materials
- Flexible and shape-retaining
- Good air permeability
- Excellent wear resistance
- High moisture absorption
- Quick drying (virtually overnight)

PENETRATION RESISTANCE

Steel midsole

Best possible protection from below: The corrosion-resistant midsole made of stainless steel complies with the penetration safety standard EN 12568 and furthermore fulfils the additional requirements for penetration protection in accordance with EN ISO 20344 / 20345. Particularly recommendable when working in areas where there is an increased risk of injuries due to pointed or sharp objects, such as in the construction industry.

OUTSOLE

POWER deep-treaded double-density sole with profile



- Excellent slip resistance
- Antistatic

Outsole: Rubber

- Colour: black
- Profile depth: 6.0 mm
- Particularly abrasion-resistant
- Heat-resistant to approx. 200°C, for short periods to 300°C
- Flexible at cold temperatures to approx. -20°C
- Oil and fuel resistant
- Resistant to a large number of chemicals (acids and alkalis)
- Notch-resistant

Midsole: PU (polyurethane)

- The soft PU core provides a good impact absorption and high wearing comfort