

TECHNICAL DATA SHEET

CURTIS GTX ESD HI3 CI WR Typ F2A No. 89651

Sz. 35 - 50



LABELLING ACCORDING TO STANDARD

Standard for
firefighting boots
DIN EN 15090

Type 2: all kinds of firefighting and rescue activities, where penetration protection and toe protection is needed.

Subcategory F2A: Basic shoe for type 2 + antistatic

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.

WR WATER RESISTANCE, entire shoe

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 electrostatic discharge (ESDS/ESD)</p>
----------------------	---

FEATURES

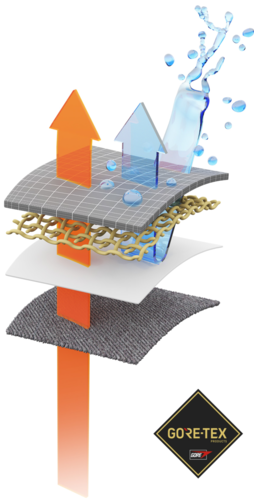
ESD equipment	<p>Thanks to its excellent discharge capability, the shoe is suitable for work in ESD sensitive or electrostatically protected areas (EPA). The shoes comply to the standard 61340-5-1.</p>	
Sizes (unisex model)	<ul style="list-style-type: none"> Expanded size range: available in sizes 35 - 50 	
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. 	
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 	
Seams made of heat-resistant Nomex® thread	<ul style="list-style-type: none"> Best possible protection against flames, heat and chemicals. Cleaning does not affect the heat resistance. 	
TPU scuff cap	<ul style="list-style-type: none"> Excellent wear protection in the shoe tip Protects the upper leather in this area against premature wear 	
Flex zone	<ul style="list-style-type: none"> soft flex zones for greater flexibility 	
Integrated name badge	<p>The boot has a badge that can be individually labelled. This prevents any mix-ups.</p>	
Removal aid at the heel	<p>The profiled rubber surface ensures the boot is easier to remove.</p>	

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 CROSSTECH® membrane



The GORE-TEX CROSSTECH® membrane is durably waterproof and provides a highly effective barrier against bloodborne pathogens, viruses and everyday chemicals, which is especially important during emergency operations.

Breathable technology helps prevent heat stress during increased physical exertion, as the lightweight and flexible laminates allow excess body heat to escape and maintain a balanced body temperature.

Heel pocket lining

- The abrasion-resistant microfibre material is particularly sturdy and provides for a pleasant wearing comfort.

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 FIREFIGHTERS Level 2



- Full inlay sole in three different heights to optimise the fit
- Level 1: Noticeably more comfort for sturdy feet
- Level 2: Provides comfortable cushioning for moderately sturdy feet
- Level 3: Effective shock absorption and increased grip for slim feet
- The inlay sole is functionally absorbing and releasing moisture and thus provides for a pleasant foot climate.
- Improvement of the shoe climate thanks to the PU foam's open cell structure. So the foot is always kept comfortably dry.
- The extreme softness of the PU foam absorbs shocks on impact and increases walking comfort.
- The full-length, exchangeable inlay sole provides the highest possible comfort in safety shoes.

INSOLE

ESD soft-fleece insole

ESD equipment: Protection against electrostatic discharge (ESD), and 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

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
- Excellent grip on ladders thanks to the straight heel edge

Midsole: PU (polyurethane)

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