

TECHNICAL DATA SHEET

LELAND GTX grey Low ESD S3 No. 729581


Sz. 40 - 48



LABELLING ACCORDING TO STANDARD

| | |
|---|---|
| Standard for safety footwear EN ISO 20345 S3 | Basic requirement for S3: A Antistatic shoe - E Energy absorption in the heel - FO Fuel resistance - WRU Water penetration and water absorption resistant upper - P Penetration resistance - Closed heel area - Profiled outsole |
| 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. |

FORM

| | |
|--|--|
| Safety shoe  | Form A - in size 42, the upper height must not exceed 11.2 cm. |
|--|--|






AREAS OF APPLICATION

| | |
|----------------------|---|
| Areas of application | Indoors and outdoors Areas where exposure to moisture is expected (S2) Areas where there is a risk of penetration from pointed and sharp objects (S3) Areas where there is a risk of electrostatic discharge (ESDS/ESD) Workplaces on hard Undergrounds: The revolutionary Infinergy® sole core cushions impacts and provides for a rebound effect when the compressive impulse subsides - for more energy in every step. |
|----------------------|---|

FEATURES

| | |
|---------------|--|
| ESD equipment | 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. |
|---------------|--|



| FEATURES | |
|---|--|
| Certification in accordance with DGUV rule 112-191 | <ul style="list-style-type: none"> • Certified for orthopaedic inserts  |
| Elastic, padded tongue | <ul style="list-style-type: none"> • Excellent wearing comfort: The tongue prevents pressure marks. • No slipping of the tongue • Modern shape of the shoe upper |
| Sole core made of Infinergy® by BASF  | The sole core consists of expanded, thermoplastic polyurethane in the form of oval foam beads. These stick together and are very light and elastic. This revolutionary technology cushions the impact and bounces back extremely well on pressure, so that the energy can be returned to the wearer. Even under low temperatures of -20 °C, the core maintains its high elasticity.  |
| Elastic lacing system | <ul style="list-style-type: none"> • For an individual adjustment to the foot • With quick-locking system |
| 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 |
| Ergonomic Product IGR certification | The IGR quality seal (Interessengemeinschaft der Rückenschullehrer/-innen e.V. / Association of back specialists) confirms the highly praised features and practical functionality of the tested products. The IGR certification attests the degree of the product's customisability to the physical characteristics of the test person. In accordance with DIN 33419 / EN ISO 15537, the product's usability and ergonomics were tested. Products recommended by IGR e.V. bear the title "Ergonomic Product".  |
| Winner Plus X Award | The independent jury for the Plus X Award, the Innovation Prize for Technology, Sport, and Lifestyle, grants a total of seven seals of approval to brands that offer products with a competitive edge in terms of quality and innovation. ELTEN has always seen itself as an innovative business at the cutting edge of technology.  |
| UPPER MATERIAL | |
| Hydrophobized textile material | <ul style="list-style-type: none"> • Areas of application S2/S3 • Synthetic material • Shape-retaining • Tear-resistant • Dries quickly • Wear-resistant and light • Water penetration/absorption in accordance with EN ISO 20345 S2 • By hydrophobation, higher resistance against water penetration and water absorption |

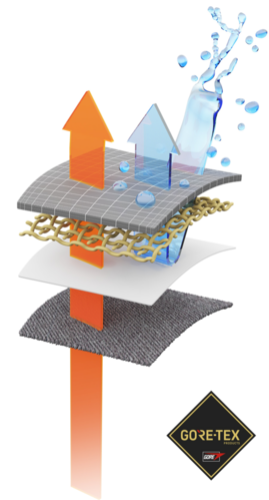
UPPER MATERIAL

Hydrophobized microfibre

- Areas of application S2/S3
- Synthetic material
- Particularly soft
- Retains its shape
- Tear-resistant
- Dries quickly
- Abrasion-resistant and light
- Water penetration and absorption in accordance with EN ISO 20345 S2; an improved resistance against water penetration is achieved by a special hydrophobation of the material

LINING

Gore-Tex Extended Comfort Footwear with Stretch technology



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 SUMMER membrane

Especially when it's warm or hot, your feet won't start to sweat anymore thanks to the summer membrane. By means of an optimum climate regulation, the shoe climate remains comfortably cool.

Shoes with GORE-TEX stretch technology

The GORE-TEX stretch technology prevents wrinkles and folds in the instep area. This new patented construction combines elastic GORE-TEX laminates with elastic lining textiles by an elastic connection seam. The elastic smooth inner lining makes it more convenient to put the shoes on.

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
SPORTIVE ESD



- ESD EQUIPMENT: Protection against electrostatic discharge (ESD). The full-length, exchangeable inlay sole is conductive and designed for the use in ESD safety footwear according to the standards DIN EN ISO 20345 and DIN EN 61340-5-1.
- The full-length, exchangeable inlay sole provides the highest possible comfort in safety shoes.
- 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.

PENETRATION RESISTANCE

Metal-free penetration protection

The textile midsole complies with the penetration safety standard EN 12568 and furthermore fulfils the additional requirements for penetration protection in accordance with EN ISO 20344 / 20345. The light and flexible material enables an increased elasticity of the shoe, which can particularly be recognized when working on uneven grounds or on your knees.

The textile variant offers 100 % foot coverage compared to steel midsoles (foot coverage 85 % due to limits in the shoe manufacturing process). Being 100 % metal-free and antimagnetic, this equipment is used as penetration protection in safety shoes.

OUTSOLE

MAXXIMO extended wedge double-density sole



- Excellent slip resistance
- Antistatic

Outsole: TPU (thermoplastic polyurethane)

- Colour: lightgrey
- Profile depth: 3.5 mm
- Particularly abrasion-resistant
- Heat-resistant to approx. 130°C
- Flexible at cold temperatures to approx. -30°C
- Oil and fuel resistant

Midsole: PU (polyurethane) with a core made of Infinergy® by BASF

- The soft PU core provides a good impact absorption and high wearing comfort
- The core made of Infinergy® provides a very good cushioning with rebound effect