ELTEN
Take a walk on the safe side

TECHNICAL DATA SHEET



TILL Low ESD S3 HI
721191

Sz. 36-48

LABELLING ACCORDING TO STANDARD

In accordance with EN ISO 20345 S3 SRC/HRO/HI	
Form A 	▪ Men's safety shoe, low cut

SRC SLIP RESISTANCE: When it comes to slip resistance as defined by EN ISO 20345, SRC signifies the best possible rating a safety shoe can reach.	HRO HEAT RESISTANT OUTSOLE: HEAT RESISTANT OUTSOLE High performance against contact heat	HI HEAT INSULATED: HEAT INSULATED

FIT

ANATOMICAL

AREAS OF APPLICATION

- Indoors and outdoors
- Industry, storage, transport, construction etc.
- 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)

FEATURES

Design	▪ Modern and sporty design
Full, padded bellows tongue	▪ Extremely comfortable ▪ Prevents pressure points ▪ Prevents penetration of dirt
Padded upper edge	▪ Extremely comfortable ▪ Protects the Achilles tendon

FEATURES

ESD - Equipment	▪ Suitable when working in areas subject to electrostatic discharge and electrostatic protected areas (EPA) ▪ Excellent conductivity
Certification in accordance with DGUV rule 112-191	▪ Certified for orthopaedic modifications / inserts
Reflective material	▪ Good visibility in the dark
Sizes (unisex model)	▪ Expanded size range Available in sizes 36-48 ▪ Sizes 36-38 No. 1721191 Outsole: RUBBER/PU tread sole SAFETY-GRIP 2
Abrasion-resistant toe protection	▪ Excellent wear protection in the toe area ▪ Protects the upper in this critical area against premature wear

UPPER MATERIAL

Cowhide leather	▪ Areas of application S2/S3 ▪ Natural material ▪ Wear-resistant ▪ Breathable ▪ Water penetration/absorption in accordance with EN ISO 20345 S2

LINING

Fabric lining	▪ Climate-regulating ▪ Good ventilation ▪ Skin-friendly ▪ High absorption and emission of moisture
Heel pocket lining	▪ Abrasion-resistant microfibre material, sturdy ▪ Comfortable

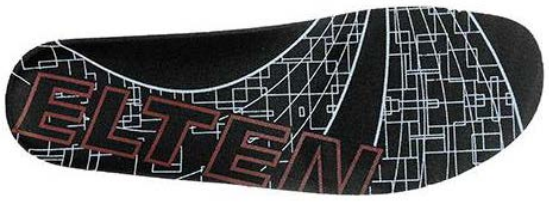
TOE PROTECTION CAP

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 ESD PRO

- The full-length, exchangeable inlay sole with ESD equipment provides the highest possible comfort in a safety shoe.



- ESD-EQUIPMENT: The ELTEN ESD inlay sole is conductive and fulfils the EN ISO 20345 and DIN EN 61340-4-3 standards for areas of electrostatic discharge.
- Protection against electrostatic discharge (ESD) (Contact resistance 10^5-10^7 Ohms)
- OPTIMAL FOOT CLIMATE: High moisture absorption and release because of the PU foam's open cell structure. So the foot is always kept comfortably dry.
- SHOCK-ABSORBING AND COMFORTABLE: The extreme softness of the PU foam absorbs shocks on impact and increases walking comfort.
- ODOUR NEUTRALISING: Activated coal reduces the development of unpleasant odours in the shoe.
- ANTIBACTERIAL: Activated coal prevents the development and spreading of fungi and other bacteria.
- BREATHABLE: Improvement of the shoe climate because of the PU foam's open cell structure.

INSOLE

ESD soft-fleece insole

- ESD-equipment
- Protection against electrostatic discharge (ESD), even when 100% dry, and without the need for additional aids to provide a bridge to the outsole
- Approx. 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 PROTECTION

Steel midsole



- Fulfils the additional requirements for penetration protection in accordance with EN ISO 20344 / 20345
- Fulfils the penetration safety standard EN 12568
- Corrosion-resistant
- Stainless steel

OUTSOLE

	SAFETY-GRIP double-density with profile	▪ S-line shaped configuration of the tread blocks, for an ergonomic foot roll ▪ Excellent slip resistance ▪ Antistatic
	Outsole: rubber 	▪ 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	▪ The soft PU core provides a good impact absorption and high wearing comfort