TECHNICAL DATA SHEET



LAKERS black Low ESD S1P
No.724451

Gr. 35-49

LABELLING ACCORDING TO STANDARD

In accordance with EN ISO 20345 S1P SRC	
Form A 	▪ Men's safety shoe, low cut
SRC SLIP RESISTANCE	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.

FIT

ANATOMICAL

AREAS OF APPLICATION

- Primarily dry work areas
- E.g. airports, airplane construction, automobile manufacturing
- No scratches from metal parts
- Close to induction loops / metal detectors
- Areas where there is a risk of electrostatic discharge (ESDS/ESD)
- Areas where there is a risk of penetration from pointed and sharp objects (S1P)

FEATURES

Design	▪ Sneakers design
Padded tongue	▪ Extremely comfortable ▪ Prevents pressure points
Padded upper edge	▪ Extremely comfortable ▪ Protects the Achilles tendon
ESD - Equipment ESD	▪ Suitable when working in areas subject to electrostatic discharge and electrostatic protected areas (EPA) ▪ Excellent conductivity

FEATURES

Certification in accordance with DGUV rule 112-191	▪ Certified for orthopaedic inserts
Low weight	▪ Use of especially light textile materials ▪ Use of a composite toe cap and a metal-free puncture protection ▪ Comfortable
No metal or leather ▪ Textile eyelets	▪ Low weight ▪ Suitable for work areas sensitive to metal ▪ Does not trigger metal detectors ▪ Use around induction loops is possible
Sizes (unisex model)	▪ Expanded size range ▪ Available in sizes 35-49

UPPER MATERIAL

Microfibre	▪ Areas of application S1 ▪ Synthetic material ▪ Particularly soft ▪ Retains its shape ▪ Tear-resistant ▪ Quick drying ▪ Abrasion-resistant and light
Textile material	▪ Areas of application S1 ▪ Synthetic material ▪ Retains its shape ▪ Tear-resistant ▪ Quick drying ▪ Abrasion resistant and light

LINING

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

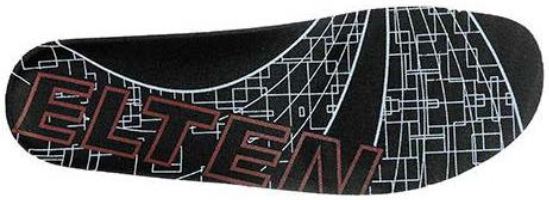
TOE PROTECTION CAP

Composite 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 ▪ Low weight ▪ 100% metal-free ▪ 100% anti-magnetic ▪ Weighs less than conventional steel caps

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)
- 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.

PENETRATION PROTECTION

Metal-free penetration protection

- Fulfils the additional requirements for penetration protection in accordance with EN ISO 20344 / 20345
- Fulfils the penetration safety standard EN 12568
- Textile, penetration-resistant midsole
- Light and flexible: more comfort when working on the knees because of the shoe's greater elasticity
- Better foot-feel on uneven surfaces
- Good foot climate thanks to the thermo-insulating effect
- 100% foot coverage compared to 85% with steel midsoles
- 100% metal-free and antimagnetic

OUTSOLE



FUN double-density with profile	▪ Antistatic ▪ Excellent slip resistance
Outsole: PU	▪ Colour: black ▪ Particularly abrasion-resistant ▪ Heat-resistant to approx. 130°C, flexible at cold temperatures to approx. -20°C ▪ Oil and fuel resistant
Midsole: PU	▪ The soft PU core provides a good impact absorption and high wearing comfort