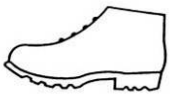
TECHNICAL DATA SHEET



SANDER ESD S3
768321

Sz. 35-47

LABELLING ACCORDING TO STANDARD

In accordance with EN ISO 20345 S3 SRC	
Form B 	▪ Men's safety boot, mid 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	AREAS OF APPLICATION
ANATOMICAL	▪ Indoors and outdoors ▪ E.g. airports, airplane construction, automobile manufacturing ▪ No scratches from metal parts ▪ Close to induction loops / metal detectors ▪ 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
Collar padding	▪ Extremely comfortable ▪ Ankle-wrapping upper edging, softly padded, for good stability and firm support in the shoe (form B)

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
Low weight	▪ Use of especially light textile materials ▪ 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 35-47 ▪ Sizes 35-37: article number 1768321 Outsole: TPU/PU TRAINERS translucent

UPPER MATERIAL

Microfibre (hydrophobized)	▪ Areas of application S2/S3 ▪ Synthetic material ▪ Particularly soft ▪ Retains its shape ▪ Tear-resistant ▪ Water penetration/absorption in accordance with EN ISO 20345 S2 ▪ Quick drying ▪ Abrasion resistant and light
Textile material Cordura®	▪ Areas of application S2/S3 ▪ Synthetic material ▪ Particularly resistant to wear and tear ▪ Retains its shape ▪ Tear-resistant ▪ Water penetration/absorption in accordance with EN ISO 20345 S2 ▪ 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

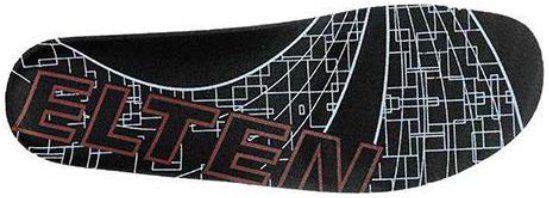


- Protection against impacts of min. 200 joules and pressure loading of min. 15 kN
- Permanent edge coverage for cushioning
- Ergonomically shaped
- Comfortable toe-room
- Good coverage of the little toe area
- Low weight
- 100% metal-free
- 100% anti-magnetic
- Weighs less than conventional steel caps

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

	TRAINERS double-density sole with profile	▪ Colour combination matches upper ▪ Antistatic ▪ Optimal slip resistance
	Outsole: TPU (thermoplastic polyurethane)	▪ Colour: matches upper ▪ Particularly abrasion-resistant ▪ Heat-resistant to approx. 130°C, flexible at cold temperatures to approx. -30°C ▪ Oil and fuel resistant
	Midsole: PU	▪ The soft PU core provides a good impact absorption and high wearing comfort