ELTEN
Take a walk on the safe side

TECHNICAL DATA SHEET



SANDER ESD S2
76872

Sz. 35-48

LABELLING ACCORDING TO STANDARD

In accordance with EN ISO 20345 S2 SRC	
Form B 	▪ 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

ANATOMICAL

AREAS OF APPLICATION

- 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 electrostatic discharge (ESDS/ESD)

FEATURES

Design	▪ Modern and sporty design
Full, padded bellows tongue	▪ Prevents penetration of dirt ▪ Extremely comfortable ▪ Prevents pressure points
Collar padding	▪ Extremely comfortable ▪ Ankle-wrapping upper edging, softly padded, for good stability and firm support in the shoe (form B)
ESD - Equipment 	▪ 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
Reflective material	▪ Good visibility in the dark
Metalfree equipment	▪ Low weight ▪ Suitable for work areas sensitive to metal ▪ Does not trigger metal detectors ▪ Use around induction loops is possible
Low weight	▪ Use of especially light textile materials ▪ Comfortable
Sizes (unisex model)	▪ Expanded size range ▪ Available in sizes 35-48

UPPER MATERIAL

Hydrophobized textile material CORDURA®	▪ 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
Hydrophobized microfibre	▪ 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

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

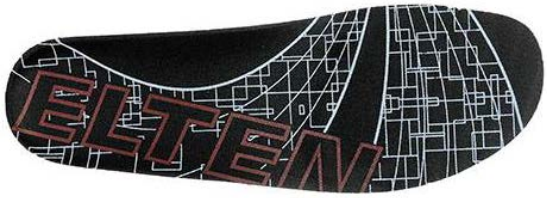


- Protection against impacts of min. 200 joules and pressure loading of min. 15 kN
- Permanent edge coverage for cushioning
- Ergonomically shaped
- Comfortable toe-room
- Good coverage of the little toe area
- Low weight
- 100% metal-free
- 100% anti-magnetic
- Weighs less than conventional steel caps

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.

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)

OUTSOLE

	TRAINERS double-density sole with profile	▪ Antistatic ▪ Optimal slip resistance
	Outsole: TPU (thermoplastic polyurethane)	▪ Colour: smoky grey ▪ 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