

TECHNICAL DATA SHEET



MATS ESD S2

TYPE 1 : 72154 01

TYPE 2 : 72154 02

TYPE 3 : 72154 03

Sz. 40-48

LABELLING ACCORDING TO STANDARD

In accordance with EN ISO 20345 S2 SRC



Form A

- Men's safety shoe, low cut



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.

AREAS OF APPLICATION

- Work areas which require a lot of turning and standing
- As a substitute for shock absorbing mats
- Indoors and outdoors
- Areas where exposure to moisture is expected (S2)
- Areas where there is a risk of electrostatic discharge (ESDS/ESD)

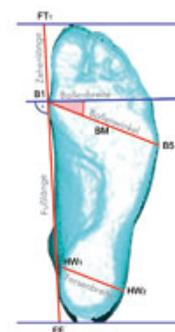
FIT



ERGO-ACTIVE foot-type system

Foot-type system with 3 fit variants - the right shoe for everyone

ELTEN has developed 3 completely new types of lasts. These do not only consider the length and width of the foot but also the toe length, heel width and the angle of the ball of the foot.



FIT

FOOT TYPE 1	FOOT TYPE 2	FOOT TYPE 3
<ul style="list-style-type: none"> For larger feet Short toe length Broad ball and heel width Steep ball angle 	<ul style="list-style-type: none"> For feet of average width Long toe length Average ball and heel width Flat ball angle 	<ul style="list-style-type: none"> For thin feet Average toe length Narrow ball and heel width Ball angle between steep and flat
		

FEATURES

Design		<ul style="list-style-type: none"> Modern, classic design
Full, padded bellows tongue		<ul style="list-style-type: none"> Extremely comfortable Prevents pressure points Prevents penetration of dirt
Padded upper edge		<ul style="list-style-type: none"> Extremely comfortable Protects the Achilles tendon
ESD - Equipment		<ul style="list-style-type: none"> Suitable when working in areas subject to electrostatic discharge and electrostatic protected areas (EPA) Excellent conductivity
Certification in accordance with DGUV rule 112-191		<ul style="list-style-type: none"> Certified for orthopaedic modifications / inserts
Reflective material		<ul style="list-style-type: none"> Good visibility in the dark

UPPER MATERIAL

Cowhide leather	<ul style="list-style-type: none"> Areas of application S2 Natural material Wear-resistant Breathable Water penetration/absorption in accordance with EN ISO 20345 S2
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LINING

INNOVATIVE KLIMAREGULIERUNG <div style="text-align: center;">  </div>	<ul style="list-style-type: none"> Optimale Aufnahme und Abgabe von Feuchtigkeit durch atmungsaktives Innenfutter. Abstandsgewirke aus Mikrofasern Kapillarwirkung für deutlich besseren Feuchtigkeitstransport 3D-Struktur wirkt thermoisolierend Pumpeffekt sorgt für hohe Luftdurchlässigkeit und Atmungsaktivität
Heel pocket lining	<ul style="list-style-type: none"> 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
ERGO-ACTIVE ESD**

INDIVIDUAL COMFORT CLASSES

For the highest comfort thanks to various degrees of hardness and to various fits

- Full-length ERGO ACTIVE ESD inlay sole available in 9 variants with ESD equipment: 3 models/3 comfort classes (standard: medium)
- 3 comfort classes– soft, medium, strong for individual well being
- Stabilized heel for soft walking

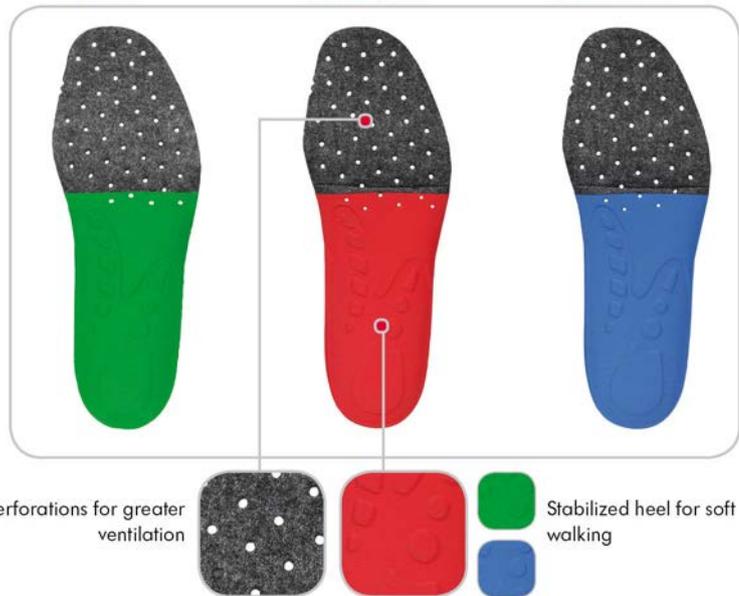


COMFORT CLASSES

SOFT

MEDIUM

STRONG



Perforations for greater ventilation

Stabilized heel for soft walking

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

Double-density sole with profile

- Antistatic
- Optimal slip resistance

Outsole: TPU



- 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



ERGONOMIC OUTSOLE ERGO-ACTIVE

Slip-resistant, ergonomic outsole with optimum grip enables working without tiring.

- TPU/PU sole based on the proven Safety-Grip-Concept and provides optimal slip resistance
- Adapted to the foot's natural movement
- 4 pivot points reduce frictional resistance during rotation to a minimum