

# TECHNICAL DATA SHEET

**MAIDU black Low O1 No. 92250**


**Sz. 40 - 48**



## LABELLING ACCORDING TO STANDARD

Standard for occupational shoes EN ISO 20347 O1	Basic requirement for O1: <b>A</b> Antistatic shoe - <b>E</b> Energy absorption in the heel - Closed heel area
Additional requirements	<b>SRA</b> Slip resistance: Slip resistant on floors of ceramic tiles with a sodium lauryl sulfate (SLS) solution. <b>FO FUEL RESISTANCE</b>


## FORM

Occupational work shoe 	Form A - in size 42, the upper height must not exceed 11.2 cm.
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## AREAS OF APPLICATION

Areas of application	Dry work areas Areas where there is no risk of falling heavy objects
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## FEATURES

Sizes (unisex model)	<ul style="list-style-type: none"> <li>Expanded size range: available in sizes 40 - 48</li> </ul>
Certification in accordance with DGUV rule 112-191	<ul style="list-style-type: none"> <li>Certified for orthopaedic inserts</li> </ul> 
Low weight	<ul style="list-style-type: none"> <li>Use of especially light textile materials</li> <li>Comfortable</li> </ul>
Low weight sole	<ul style="list-style-type: none"> <li>Comfortable</li> </ul>

## FEATURES

Padded upper edge	<ul style="list-style-type: none"> <li>• Excellent wearing comfort: the padded upper edge protects the Achilles tendon.</li> </ul>
Elastic, padded tongue	<ul style="list-style-type: none"> <li>• Excellent wearing comfort: The tongue prevents pressure marks.</li> <li>• No slipping of the tongue</li> <li>• Modern shape of the shoe upper</li> </ul>
Heel loop	<ul style="list-style-type: none"> <li>• Quicker into the shoe: The heel loop makes it easier to get inside the shoe</li> </ul>
No metal or leather	<ul style="list-style-type: none"> <li>• Low weight</li> <li>• Suitable for work areas sensitive to metal</li> <li>• Does not trigger metal detectors</li> <li>• Use around induction loops is possible</li> <li>• Suitable for persons allergic to leather</li> </ul>
Winner Plus X Award	<p>The independent jury for the Plus X Award, the Innovation Prize for Technology, Sport, and Lifestyle, grants a total of seven seals of approval to brands that offer products with a competitive edge in terms of quality and innovation. ELTEN has always seen itself as an innovative business at the cutting edge of technology.</p> 

## UPPER MATERIAL

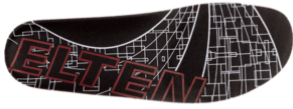
Microfibre	<ul style="list-style-type: none"> <li>• Synthetic material</li> <li>• Particularly soft</li> <li>• Retains its shape</li> <li>• Tear-resistant</li> <li>• Quick drying</li> <li>• Abrasion-resistant and light</li> </ul>
Mesh material	<ul style="list-style-type: none"> <li>• Areas of application S1</li> <li>• Synthetic material</li> <li>• Retains its shape</li> <li>• Tear-resistant</li> <li>• Quick drying</li> <li>• Abrasion-resistant and light</li> </ul>

## LINING

Breathable fabric lining	<ul style="list-style-type: none"> <li>• Climate-regulating</li> <li>• Good ventilation</li> <li>• Skin-friendly</li> <li>• High absorption and emission of moisture</li> </ul>
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## INLAY SOLE

Full-length inlay sole  
ESD PRO (rec)



- ESD EQUIPMENT: Protection against electrostatic discharge (ESD). The full-length, exchangeable inlay sole is conductive and designed for the use in ESD safety footwear according to the standards DIN EN ISO 20345 and DIN EN 61340-5-1.
- Inlay sole with recycled material content
- The full-length, exchangeable inlay sole provides the highest possible comfort in safety shoes.
- The inlay sole is functionally absorbing and releasing moisture and thus provides for a pleasant foot climate.
- The extreme softness of the PU foam absorbs shocks on impact and increases walking comfort.
- Improvement of the shoe climate thanks to the PU foam's open cell structure. So the foot is always kept comfortably dry.

## INSOLE

Antistatic soft-fleece  
insole

Antistatic, even if 100 % dry, without using additional means fulfilling a bridge function to the outsole.

- Approximately 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

XL EXTRALIGHT® mono-  
density sole with profile



- Antistatic
- Excellent slip resistance
- ultralight, very flexible sole

Outsole: EVA (Ethylene-Vinyl-Acetate) with rubber inserts

- Abrasion-resistant
- Colour: white
- Profile depth: 6.0 mm
- Oil and fuel resistant
- with rubber inserts for better grip
- Excellent damping qualities
- Low material density, thereby lower weight