

# TECHNICAL DATA SHEET

**EASY blue ESD S1 No. 72178**


**Sz. 36 - 48**



## LABELLING ACCORDING TO STANDARD

Standard for safety footwear EN ISO 20345:2022 S1	Basic requirement for S1: A Antistatic shoe - E Energy absorption in the heel - Closed heel area
Additional requirements	<b>FO FUEL RESISTANCE</b> <b>SR SLIP RESISTANCE</b> on ceramic tile with glycerine.



## FORM

Safety 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 Industry, storage, transport, assembly etc. (S1)  Areas where there is a risk of electrostatic discharge (ESDS/ESD)
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## FEATURES

ESD equipment	Thanks to its excellent discharge capability, the shoe is suitable for work in ESD sensitive or electrostatically protected areas (EPA). The shoes comply to the standard 61340-5-1. 
Sizes (unisex model)	<ul style="list-style-type: none"> <li>Expanded size range: available in sizes 36 - 48</li> </ul>
Certification in accordance with DGUV rule 112-191	<ul style="list-style-type: none"> <li>Certified for orthopaedic inserts</li> </ul> 
Padded upper edge	<ul style="list-style-type: none"> <li>Excellent wearing comfort: the padded upper edge protects the Achilles tendon.</li> </ul>

## FEATURES

Padded tongue	<ul style="list-style-type: none"> <li>• Excellent wearing comfort: The tongue prevents pressure marks.</li> </ul>
Leather-free equipment	<ul style="list-style-type: none"> <li>• Suitable for persons allergic to leather</li> </ul>


## UPPER MATERIAL

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>
Textile 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>

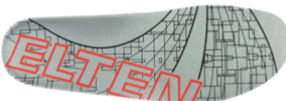
## LINING

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>
Heel pocket lining	<ul style="list-style-type: none"> <li>• The abrasion-resistant microfibre material is particularly sturdy and provides for a pleasant wearing comfort.</li> </ul>

## TOE PROTECTION CAP

<p>Steel toe cap</p> 	<ul style="list-style-type: none"> <li>• Protection against impacts of min. 200 joules and pressure loading of min. 15 kN</li> <li>• Permanent edge coverage for cushioning</li> <li>• Ergonomically shaped</li> <li>• Comfortable toe room</li> <li>• Good coverage of the little toe area</li> </ul>
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## INLAY SOLE

<p>Full-length inlay sole ESD PRO</p> 	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Inlay sole with recycled material content</li> <li>• The full-length, exchangeable inlay sole provides the highest possible comfort in safety shoes.</li> <li>• The inlay sole is functionally absorbing and releasing moisture and thus provides for a pleasant foot climate.</li> <li>• The extreme softness of the PU foam absorbs shocks on impact and increases walking comfort.</li> <li>• Improvement of the shoe climate thanks to the PU foam's open cell structure. So the foot is always kept comfortably dry.</li> </ul>
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## INSOLE

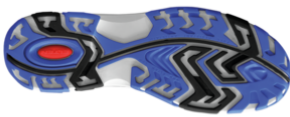
ESD soft-fleece insole

ESD equipment: Protection against electrostatic discharge (ESD), and 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

TRAINERS double-density sole with profile



- Contrasting colours for dynamic design
- Excellent slip resistance
- Antistatic

Outsole: TPU (thermoplastic polyurethane)

- Colour: blue, with coloured inserts
- Profile depth: 3.5 mm
- Particularly abrasion-resistant
- Heat-resistant to approx. 130°C
- Flexible at cold temperatures to approx. -30°C
- Oil and fuel resistant

Midsole: PU (polyurethane)

- The soft PU core provides a good impact absorption and high wearing comfort