TECHNICAL DATA SHEET

IMPULSE EA blue Easy ESD S1 Typ 1 No. 7171501

Sz. 40 - 48











LABELLING ACCORDING TO STANDARD

Standard for safety footwear EN ISO 20345 S1 Basic requirement for S1:

A Antistatic shoe - E Energy absorption in the heel - FO Fuel resistance -

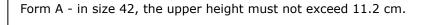
Closed heel area

Additional requirements

SRC Slip resistance: Slip resistant on floors of ceramic tiles with a sodium lauryl sulfate (SLS) solution and on steel floors with glycerol. When it comes to slip resistance as defined by EN ISO 20345, SRC signifies the best possible rating a safety shoe can reach.

FORM

Safety sandal





FIT				
	EDCO ACTIVE fast type system with three fit variants			
ERGO-ACTIVE foot-type system	ERGO-ACTIVE foot type system with three fit variants			
	The right shoe for everyone: Three different types of lasts do not only take into account length and width of the foot, but also toe length,			
	heel width and angle of the ball of the foot.			
	Foot type 1:			
	For larger feetShort toes			
	Wide ball and heel area			
	Steep ball angle			
	Foot type 2:			
	For normal feet	0000		
	Long toes			
	Medium-wide ball and heel area			
	Flat ball angle			
	Foot type 3:			
	For slim feet			
	Medium-sized toes			
	Narrow ball and heel area			
	Medium ball angle			
AREAS OF APPLIC	ATION			
Areas of application	Dry work areas Industry, storage, transport, assembly etc. (S1)			
	Areas where there is a risk of electrostatic discharge (ESDS/ESD)			
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.	ESD		
Certification in accordance with DGUV rule 112-191	Certified for orthopaedic modifications / inserts			
Padded upper edge	Excellent wearing comfort: the padded upper edge protects the Achilles tendon.			
Padded tongue	Excellent wearing comfort: The tongue prevents pressure marks.			
Perforated upper	The perforation supports an optimum air circulation inside the shoe and thus contributes to a pleasant wearing comfort.			
Hook-and-pile fastener	Can be opened and closed easily and quickly			
	Individually adjustable for optimal adaptation to the foot			
	Improves the comfort and fit			



FEATURES		
Leather-free equipment	Suitable for persons allergic to leather	
Winner Plus X Award	The independent jury for the Plus X Award, the Innovation Prize for Technology, Spot, 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.	(+X)
LIDDED MATERIAL		

	Mi	cro	fit	ore
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- Synthetic material
- Particularly soft
- · Retains its shape
- Tear-resistant
- Quick drying
- · Abrasion-resistant and light

LINING

Breathable fabric lining

- Climate-regulating
- Good ventilation
- · Skin-friendly
- · High absorption and emission of moisture

Heel pocket lining

The abrasion-resistant microfibre material is particularly sturdy and provides for a pleasant wearing comfort.

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

Semi-orthopaedic inlay sole ESD



- 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.
- The sole's footbed is tailored to the fit of the shoe as well as to the natural, intact longitudinal arch of the foot.
- The improved heel damping is kind to the entire musculoskeletal system from foot to spinal column.
- Improvement of the shoe climate thanks to the PU foam's open cell structure. So the foot is always kept comfortably dry.
- The extreme softness of the PU foam absorbs shocks on impact and increases walking comfort.



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)

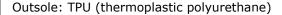
OUTSOLE

ERGO-ACTIVE doubledensity sole with profile



• S-line shaped configuration of the tread blocks, for an ergonomic foot roll

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



- Colour: lightgrey, 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



