TECHNICAL DATA SHEET

BREEZER grey Low ESD S1 No. 72109 Sz. 37 - 47







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

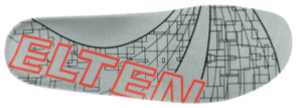
Safety shoe 	Form A - in size 42, the upper height must not exceed 11.2 cm.

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)

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)	• Expanded size range: available in sizes 37 - 47
Certification in accordance with DGUV rule 112-191	• Certified for orthopaedic inserts
Low weight sole	• Comfortable

FEATURES	
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.
UPPER MATERIAL	
Nubuck leather	• Natural material • Wear-resistant
Sustainably produced leather	• Manufactured in Germany according to high social and ecological standards
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	
Full-length inlay sole ESD PRO 	• 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 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	
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	
L10 extended wedge double-density sole  	• Excellent slip resistance • Antistatic
	Outsole: TPU (thermoplastic polyurethane) • Colour: translucent • Profile depth: 2.5 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