

TECHNICAL DATA SHEET

SENSATION Lady Low ESD S2 No. 74106


Sz. 35 - 42



LABELLING ACCORDING TO STANDARD

Standard for safety footwear EN ISO 20345 S2	Basic requirement for S2: A Antistatic shoe - E Energy absorption in the heel - FO Fuel resistance - WRU Water penetration and water absorption resistant upper - 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

Ladies' safety shoe 	Form A - in size 38, the upper height must be at least 10.5 cm.
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FIT




Ladies' fit	The shoe last is ideally tailored to the ergonomics of female feet.
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AREAS OF APPLICATION

Areas of application	Indoors and outdoors Areas where exposure to moisture is expected (S2) Areas where there is a risk of electrostatic discharge (ESDS/ESD)
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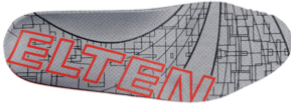
FEATURES

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. 
Certification in accordance with DGVV rule 112-191	<ul style="list-style-type: none"> • Certified for orthopaedic inserts 

FEATURES	
Low weight sole	<ul style="list-style-type: none"> • Comfortable
Padded upper edge	<ul style="list-style-type: none"> • Excellent wearing comfort: the padded upper edge protects the Achilles tendon.
Padded tongue	<ul style="list-style-type: none"> • Excellent wearing comfort: The tongue prevents pressure marks.
UPPER MATERIAL	
Hydrophobized textile material with jeans look	<ul style="list-style-type: none"> • Areas of application S2/S3 • Synthetic material • Shape-retaining • Tear-resistant • Dries quickly • Wear-resistant and light • Water penetration/absorption in accordance with EN ISO 20345 S2 • By hydrophobation, higher resistance against water penetration and water absorption
Hydrophobized nubuck leather	<ul style="list-style-type: none"> • Areas of application S2/S3 • Natural material • Wear-resistant • Breathable • Water penetration/absorption in accordance with EN ISO 20345 S2 • By hydrophobation, higher resistance against water penetration and water absorption
Sustainably produced leather 	<ul style="list-style-type: none"> • Manufactured in Germany according to high social and ecological standards
LINING	
Fabric lining BIOACTIVE 	<ul style="list-style-type: none"> • Climate-regulating • High breathability • Skin-friendly • High degree of moisture absorption and release
Heel pocket lining	<ul style="list-style-type: none"> • The abrasion-resistant microfibre material is particularly sturdy and provides for a pleasant wearing comfort.
TOE PROTECTION CAP	
Steel toe cap 	<ul style="list-style-type: none"> • 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 Lady



- 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 inlay sole is individually adapted to the fitting of safety footwear for women.
- The full-length, exchangeable inlay sole provides the highest possible comfort in safety shoes.
- 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

MISS 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