

TECHNICAL DATA SHEET

LOTTE aqua Low ESD S2 No. 742102

Sz. 34 - 42



LABELLING ACCORDING TO STANDARD

Standard for
safety footwear
EN ISO 20345:2022 S2

Basic requirement for S2:
A Antistatic shoe - **E** Energy absorption in the heel -
WPA Water penetration and absorption - Closed heel area

Additional requirements

FO FUEL RESISTANCE
SR SLIP RESISTANCE on ceramic tile with glycerine.

FORM

Ladies' safety shoe



Form A - in size 38, the upper height must not exceed 10.4 cm.

FIT

Ladies' fit

The shoe last is ideally tailored to the ergonomics of female feet.

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)

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 DGUV
rule 112-191

- Certified for orthopaedic modifications / inserts



FEATURES

Padded upper edge	Excellent wearing comfort: the padded upper edge protects the Achilles tendon.
Full, padded bellows tongue	Excellent wearing comfort: The tongue prevents pressure marks and avoids dirt from entering into the shoe.
Reflective material	Good visibility in the dark 
Heel loop	Quicker into the shoe: The heel loop makes it easier to get inside the shoe

UPPER MATERIAL

Hydrophobized nubuck leather	- 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
Hydrophobized textile material	- 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

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
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INLAY SOLE

Full-length inlay sole
ESD PRO Lady Y



- 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

TREKKING LADY double-density sole with profile



- Excellent slip resistance
- Antistatic

Outsole: PU (polyurethane)

- Colour: black
- Profile depth: 4.0 mm
- Abrasion-resistant
- Heat-resistant to approx. 130°C
- Flexible at cold temperatures to approx. -20°C
- Oil and fuel resistant

Midsole: PU (polyurethane)

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