

TECHNICAL DATA SHEET

NIKOLA black Mid ESD S2 No. 74310


Sz. 36 - 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 boot 	Form B - 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) Business shoe that also fulfils the safety requirements stipulated for health and safety in the workplace: Managers, engineers, architects, factory superintendents etc.
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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. 
Padded tongue	<ul style="list-style-type: none"> Excellent wearing comfort: The tongue prevents pressure marks.

FEATURES

Collar padding	<ul style="list-style-type: none">• Excellent wearing comfort: the ankle-wrapping, softly padded upper edge provides for stability and grip in the shoe.
Combination of lacing and zipper	<ul style="list-style-type: none">• Allows the boots to be put on and taken off quickly• Boots can be laced individually


UPPER MATERIAL

Cowhide leather	<ul style="list-style-type: none">• Areas of application S1/S2/S3• Natural material• Wear-resistant• Breathable• Water penetration/absorption in accordance with EN ISO 20345 S2
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LINING

Leather lining	<ul style="list-style-type: none">• High tear resistance• Breathable• Natural material
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
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INLAY SOLE

Full-length inlay sole BUSINESS Lady 	<ul style="list-style-type: none">• 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.• 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.
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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

BUSINESS LADY mono-density sole with profile



- Excellent slip resistance
- Antistatic

Outsole: PU (polyurethane)

- Colour: black
- Profile depth: 2.5 mm
- Abrasion-resistant
- Heat-resistant to approx. 130°C
- Flexible at cold temperatures to approx. -20°C
- Oil and fuel resistant
- With heel