TECHNICAL DATA SHEET

JOSCHI ESD S3S CI No. 76521 — Sz. 38 - 48







LABELLING ACCORDING TO STANDARD

Standard for safety footwear EN ISO 20345:2022 S3S	Basic requirement for S3S: **A** Antistatic shoe - **E** Energy absorption in the heel - **WPA** Water penetration and absorption - **S** Textile penetration protection - Closed heel area - Basic Slip resistance test on ceramic tile + NaLS (soap solution) - Profiled outsole
Additional requirements	**FO** FUEL RESISTANCE **SR** SLIP RESISTANCE on ceramic tile with glycerine. **SC** SCUFF CAP The overcap manages a certain amount of abrasion. **CI** COLD INSULATED

FORM

Safety winter boot 	Form C - in size 42, the upper height must be at least 17.8 cm.

FIT

Extrawide	More volume in the ball, heel and instep area makes this shoe particularly comfortable for people with wider feet.

AREAS OF APPLICATION

Areas of application	Areas where there is a risk of electrostatic discharge (ESDS/ESD) Cold areas, working in winter, road construction etc.

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 38 - 48
Certification in accordance with DGUV rule 112-191	• Certified for orthopaedic inserts
Full, padded bellows tongue	• Excellent wearing comfort: The tongue prevents pressure marks and avoids dirt from entering into the shoe.
Collar padding	• Excellent wearing comfort: the ankle-wrapping, softly padded upper edge provides for stability and grip in 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
Combination of lacing and zipper	• Allows the boots to be put on and taken off quickly • Boots can be laced individually
PU toe protection (polyurethane)	• Directly applied tip protection • Excellent wear protection in the shoe tip area • Protects the upper material in this area against premature wear
UPPER MATERIAL	
Cowhide leather	• Areas of application S1/S2/S3 • Natural material • Wear-resistant • Breathable • Water penetration/absorption in accordance with EN ISO 20345 S2
LINING	
Warm lining	• Good ventilation • Skin-friendly • High absorption of moisture
Heel pocket lining	• The abrasion-resistant microfibre material is particularly sturdy and provides for a pleasant wearing comfort.
TOE PROTECTION CAP	
Aluminium 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 • Weighs less than conventional steel caps

INLAY SOLE

Full-length inlay sole made of fleece



- 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.
- Antistatic

PENETRATION RESISTANCE

Metal-free penetration protection

The textile midsole complies with the penetration safety standard EN 12568 and furthermore fulfils the additional requirements for penetration protection in accordance with EN ISO 20344 / 20345. The light and flexible material enables an increased elasticity of the shoe, which can particularly be recognized when working on uneven grounds or on your knees.

The textile variant offers 100 % foot coverage compared to steel midsoles (foot coverage 85 % due to limits in the shoe manufacturing process). Being 100 % metal-free and antimagnetic, this equipment is used as penetration protection in safety shoes.

OUTSOLE

SAFEGUARD deep-treaded double-density sole with profile





- S-line shaped configuration of the tread blocks, for an ergonomic foot roll
- Excellent slip resistance
- Antistatic

Outsole: PU (polyurethane)

- Colour: black
- Profile depth: 4.6 mm
- Particularly 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