

TECHNICAL DATA SHEET

jo_TOUGH High ESD S3 CI No. 18491


Sz. 36 - 48



LABELLING ACCORDING TO STANDARD






Standard for safety footwear EN ISO 20345:2022 S3	Basic requirement for S3: A Antistatic shoe - E Energy absorption in the heel - FO Fuel resistance - WPA Water penetration and absorption - P Penetration resistance - Closed heel area - 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. LG LADDER GRIP Heel edge of at least 10 mm CI COLD INSULATED

FORM

Safety pull-on boot 	Form C - in size 42, the upper height must be at least 17.8 cm.
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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 penetration from pointed and sharp objects (S3/S3L/S3S) 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.	
Sizes (unisex model)	<ul style="list-style-type: none"> Expanded size range: available in sizes 36 - 48 	
Certification in accordance with DGUV rule 112-191	<ul style="list-style-type: none"> Certified for orthopaedic inserts 	
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. 	
Reflective material	<ul style="list-style-type: none"> Good visibility in the dark 	
PU scuff cap (polyurethane)	<ul style="list-style-type: none"> 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	<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 	
LINING		
Woven lambskin lining	<ul style="list-style-type: none"> Good ventilation Skin-friendly High absorption of moisture Comfortable 	
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 JORI ESD 	<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 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. 	

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)

PENETRATION RESISTANCE

Steel midsole

Best possible protection from below: The corrosion-resistant midsole made of stainless steel complies with the penetration safety standard EN 12568 and furthermore fulfils the additional requirements for penetration protection in accordance with EN ISO 20344 / 20345. Particularly recommendable when working in areas where there is an increased risk of injuries due to pointed or sharp objects, such as in the construction industry.

OUTSOLE

jo_EXPLORE double-density sole with profile



- Excellent slip resistance
- Antistatic

Outsole: PU (polyurethane)

- Colour: black
- Profile depth: 5.5 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