

# TECHNICAL DATA SHEET

jo\_SOLID High ESD S3 CI No. 18481


Sz. 36 - 48



## LABELLING ACCORDING TO STANDARD

Standard for safety footwear EN ISO 20345 S3	Basic requirement for S3: <b>A</b> Antistatic shoe - <b>E</b> Energy absorption in the heel - <b>FO</b> Fuel resistance - <b>WRU</b> Water penetration and water absorption resistant upper - <b>P</b> Penetration resistance - Closed heel area - Profiled outsole
Additional requirements	<b>CI</b> COLD INSULATED  <b>FO</b> FUEL RESISTANCE  <b>SC</b> SCUFF CAP The overcap manages a certain amount of abrasion.  <b>LG</b> LADDER GRIP Heel edge of at least 10 mm

## FORM

Safety laced 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) 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.
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<b>FEATURES</b>	
Sizes (unisex model)	<ul style="list-style-type: none"> <li>Expanded size range: available in sizes 36 - 48</li> </ul>
Certification in accordance with DGUV rule 112-191	<ul style="list-style-type: none"> <li>Certified for orthopaedic inserts</li> </ul> 
Full, padded bellows tongue	<ul style="list-style-type: none"> <li>Excellent wearing comfort: The tongue prevents pressure marks and avoids dirt from entering into the shoe.</li> </ul>
Collar padding	<ul style="list-style-type: none"> <li>Excellent wearing comfort: the ankle-wrapping, softly padded upper edge provides for stability and grip in the shoe.</li> </ul>
Reflective material	<ul style="list-style-type: none"> <li>Good visibility in the dark</li> </ul> 
Combination of lacing and zipper	<ul style="list-style-type: none"> <li>Allows the boots to be put on and taken off quickly</li> <li>Boots can be laced individually</li> </ul>
PU scuff cap (polyurethane)	<ul style="list-style-type: none"> <li>Directly applied tip protection</li> <li>Excellent wear protection in the shoe tip area</li> <li>Protects the upper material in this area against premature wear</li> </ul>
<b>UPPER MATERIAL</b>	
Cowhide leather	<ul style="list-style-type: none"> <li>Areas of application S1/S2/S3</li> <li>Natural material</li> <li>Wear-resistant</li> <li>Breathable</li> <li>Water penetration/absorption in accordance with EN ISO 20345 S2</li> </ul>
Textile material	<ul style="list-style-type: none"> <li>Areas of application S1</li> <li>Synthetic material</li> <li>Retains its shape</li> <li>Tear-resistant</li> <li>Quick drying</li> <li>Abrasion resistant and light</li> </ul>
<b>LINING</b>	
Winter lining	<ul style="list-style-type: none"> <li>Good ventilation</li> <li>Skin-friendly</li> <li>High absorption of moisture</li> <li>Comfortable</li> </ul>
Heel pocket lining	<ul style="list-style-type: none"> <li>The abrasion-resistant microfibre material is particularly sturdy and provides for a pleasant wearing comfort.</li> </ul>
<b>TOE PROTECTION CAP</b>	
Steel toe cap 	<ul style="list-style-type: none"> <li>Protection against impacts of min. 200 joules and pressure loading of min. 15 kN</li> <li>Permanent edge coverage for cushioning</li> <li>Ergonomically shaped</li> <li>Comfortable toe room</li> <li>Good coverage of the little toe area</li> </ul>

## 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

## 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