

# TECHNICAL DATA SHEET

**WHITE Grip Low ESD S2 No. 729685**


**Sz. 35 - 48**



## LABELLING ACCORDING TO STANDARD

Standard for safety footwear EN ISO 20345 S2	Basic requirement for S2: <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 - Closed heel area
Additional requirements	<b>SRC</b> Slip resistance: Slip resistant on floors of ceramic tiles with a sodium lauryl sulfate (SLS) solution and on steel floors with glycerol. When it comes to slip resistance as defined by EN ISO 20345, SRC signifies the best possible rating a safety shoe can reach.



## FORM




Safety shoe 	Form A - in size 42, the upper height must not exceed 11.2 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 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"> <li>Expanded size range: available in sizes 35 - 48</li> </ul>	
Certification in accordance with DGUV rule 112-191	<ul style="list-style-type: none"> <li>Certified for orthopaedic modifications / inserts</li> </ul>	
Padded upper edge	<ul style="list-style-type: none"> <li>Excellent wearing comfort: the padded upper edge protects the Achilles tendon.</li> </ul>	

<b>FEATURES</b>	
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>
Reflective material	<ul style="list-style-type: none"> <li>• Good visibility in the dark</li> </ul> 
Hook-and-pile fastener	<ul style="list-style-type: none"> <li>• Can be opened and closed easily and quickly</li> <li>• Individually adjustable for optimal adaptation to the foot</li> <li>• Improves the comfort and fit</li> </ul>
Leather-free equipment	<ul style="list-style-type: none"> <li>• Suitable for persons allergic to leather</li> </ul>
<b>UPPER MATERIAL</b>	
Hydrophobized microfibre	<ul style="list-style-type: none"> <li>• Areas of application S2/S3</li> <li>• Synthetic material</li> <li>• Particularly soft</li> <li>• Retains its shape</li> <li>• Tear-resistant</li> <li>• Dries quickly</li> <li>• Abrasion-resistant and light</li> <li>• Water penetration and absorption in accordance with EN ISO 20345 S2; an improved resistance against water penetration is achieved by a special hydrophobation of the material</li> </ul>
<b>LINING</b>	
Breathable fabric lining	<ul style="list-style-type: none"> <li>• Climate-regulating</li> <li>• Good ventilation</li> <li>• Skin-friendly</li> <li>• High absorption and emission of moisture</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>
<b>INLAY SOLE</b>	
Full-length inlay sole SPORTIVE ESD 	<ul style="list-style-type: none"> <li>• 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.</li> <li>• The full-length, exchangeable inlay sole provides the highest possible comfort in safety shoes.</li> <li>• Improvement of the shoe climate thanks to the PU foam's open cell structure. So the foot is always kept comfortably dry.</li> <li>• The extreme softness of the PU foam absorbs shocks on impact and increases walking comfort.</li> </ul>

## 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

E-TRACK extended wedge double-density sole



- Excellent slip resistance
- Antistatic

Outsole: Rubber

- Colour: white
- Profile depth: 3.5 mm
- Particularly abrasion-resistant
- Heat-resistant to approx. 200°C, for short periods to 300°C
- Flexible at cold temperatures to approx. -20°C
- Oil and fuel resistant
- Resistant to a large number of chemicals (acids and alkalis)
- Notch-resistant

Midsole: PU (polyurethane)

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