

# TECHNICAL DATA SHEET

**NORRIS white-red Low ESD O1 No. 972220**


**Sz. 35 - 48**



## LABELLING ACCORDING TO STANDARD

Standard for occupational shoes EN ISO 20347 O1	Basic requirement for O1: <b>A</b> Antistatic shoe - <b>E</b> Energy absorption in the heel - 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.  <b>FO FUEL RESISTANCE</b>



## FORM

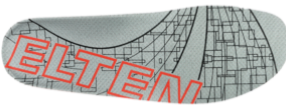
Occupational work shoe 	Form A - in size 42, the upper height must not exceed 11.2 cm.
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## AREAS OF APPLICATION

Areas of application	Dry work areas  Areas where there is no risk of falling heavy objects  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 inserts </li> </ul>

<b>FEATURES</b>	
Padded upper edge	<ul style="list-style-type: none"> <li>• Excellent wearing comfort: the padded upper edge protects the Achilles tendon.</li> </ul>
Padded tongue	<ul style="list-style-type: none"> <li>• Excellent wearing comfort: The tongue prevents pressure marks.</li> </ul>
Perforated upper	<ul style="list-style-type: none"> <li>• The perforation supports an optimum air circulation inside the shoe and thus contributes to a pleasant wearing comfort.</li> </ul>
Leather-free equipment	<ul style="list-style-type: none"> <li>• Suitable for persons allergic to leather</li> </ul>
<b>UPPER MATERIAL</b>	
Microfibre	<ul style="list-style-type: none"> <li>• Synthetic material</li> <li>• Particularly soft</li> <li>• Retains its shape</li> <li>• Tear-resistant</li> <li>• Quick drying</li> <li>• Abrasion-resistant and light</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>INLAY SOLE</b>	
Full-length inlay sole ESD PRO 	<ul style="list-style-type: none"> <li>• <b>ESD EQUIPMENT:</b> 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>• The inlay sole is functionally absorbing and releasing moisture and thus provides for a pleasant foot climate.</li> <li>• The extreme softness of the PU foam absorbs shocks on impact and increases walking comfort.</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> </ul>
<b>INSOLE</b>	
ESD soft-fleece insole	ESD equipment: Protection against electrostatic discharge (ESD), and without using additional means fulfilling a bridge function to the outsole. <ul style="list-style-type: none"> <li>• Approximately 50 % lighter than comparable soles made of natural materials</li> <li>• Flexible and shape-retaining</li> <li>• Good air permeability</li> <li>• Excellent wear resistance</li> <li>• High moisture absorption</li> <li>• Quick drying (virtually overnight)</li> </ul>

## OUTSOLE

L10 extended wedge  
mono-density sole



- Excellent slip resistance
- Antistatic

Outsole: PU (polyurethane)

- Colour: white
- 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