

# TECHNICAL DATA SHEET

TAVIXX XXFE black Low ESD O1 No. 9721630


Sz. 37 - 48



## LABELLING ACCORDING TO STANDARD

Standard for occupational shoes EN ISO 20347:2022 O1	Basic requirement for O1: <b>A</b> Antistatic shoe - <b>E</b> Energy absorption in the heel - Closed heel area
Additional requirements	<b>FO FUEL RESISTANCE</b> <b>SR SLIP RESISTANCE</b> on ceramic tile with glycerine.


## 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) E.g. airports, airplane construction, automobile manufacturing No scratches from metal parts Close to induction loops / metal detectors
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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 37 - 48</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>

## FEATURES

Padded tongue	<ul style="list-style-type: none"> <li>• Excellent wearing comfort: The tongue prevents pressure marks.</li> </ul>
Heel loop	<ul style="list-style-type: none"> <li>• Quicker into the shoe: The heel loop makes it easier to get inside the shoe</li> </ul>
Sole core made of Infinergy® by BASF 	<p>The sole core consists of expanded, thermoplastic polyurethane in the form of oval foam beads. These stick together and are very light and elastic. This revolutionary technology cushions the impact and bounces back extremely well on pressure, so that the energy can be returned to the wearer. Even under low temperatures of -20 °C, the core maintains its high elasticity.</p> 
No metal or leather	<ul style="list-style-type: none"> <li>• Low weight</li> <li>• Suitable for work areas sensitive to metal</li> <li>• Does not trigger metal detectors</li> <li>• Use around induction loops is possible</li> <li>• Suitable for persons allergic to leather</li> </ul>

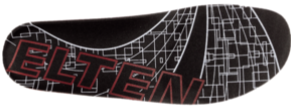
## UPPER MATERIAL

Mesh 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>
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## LINING

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>

## INLAY SOLE

Full-length inlay sole ESD PRO (rec) 	<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>• Inlay sole with recycled material content</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>
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## 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

WELLMAXX FEEL double-density sole with profile



- Excellent slip resistance
- Antistatic

Outsole: TPU (thermoplastic polyurethane)

- Colour: black
- Profile depth: 3.5 mm
- Particularly abrasion-resistant
- Heat-resistant to approx. 130°C
- Flexible at cold temperatures to approx. -30°C
- Oil and fuel resistant

Midsole: eTPU (expanded thermoplastic polyurethane)

- Excellent damping qualities
- Low material density, thereby lower weight
- The core made of Infinergy® provides a very good cushioning with rebound effect