TECHNICAL DATA SHEET

NIKOLAS XW brown Mid ESD S3 No. 763371

Sz. 40 - 48











LABELLING ACCORDING TO STANDARD

Standard for safety footwear EN ISO 20345 S3 Basic requirement for S3:

 $\boldsymbol{\mathsf{A}}$ Antistatic shoe - $\boldsymbol{\mathsf{E}}$ Energy absorption in the heel - $\boldsymbol{\mathsf{FO}}$ Fuel resistance -

WRU Water penetration and water absorption resistant upper - **P** Penetration resistance - Closed heel area - Profiled outsole

Additional requirements

SRC 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 boot



Form B - in size 42, the upper height must be at least 11.3 cm.

Extrawide

More volume in the ball, heel and instep area makes this shoe particularly comfortable for people with wider feet.

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)

Business shoe that also fulfils the safety requirements stipulated for health and safety in the workplace: Managers, engineers, architects, factory

superintendents etc.

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.
Certification in accordance with DGUV rule 112-191	Certified for orthopaedic inserts
UPPER MATERIAL	
Cowhide leather	 Areas of application S1/S2/S3 Natural material Wear-resistant Breathable Water penetration/absorption in accordance with EN ISO 20345 S2
Sustainably produced leather ECO RRIENDLY LEATHER	Manufactured in Germany according to high social and ecological standards
LINING	
Leather lining	High tear resistanceBreathableNatural material
Heel pocket lining	 The abrasion-resistant microfibre material is particularly sturdy and provides for a pleasant wearing comfort.
TOE PROTECTION	CAP
Steel toe cap	 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 BUSINESS ESD	 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. The extreme softness of the PU foam absorbs shocks on impact and increases walking comfort.

PENETRATION RESISTANCE

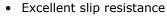
Metal-free penetration protection

The textile midsole complies with the penetration safety standard EN 12568 and furthermore fulfils the additional requirements for penetration protection in accordance with EN ISO 20344 / 20345. The light and flexible material enables an increased elasticity of the shoe, which can particularly be recognized when working on uneven grounds or on your knees.

The textile variant offers 100% foot coverage compared to steel midsoles (foot coverage 85% due to limits in the shoe manufacturing process). Being 100% metal-free and antimagnetic, this equipment is used as penetration protection in safety shoes.

OUTSOLE

BUSINESS mono-density sole with profile



Antistatic



Outsole: PU (polyurethane)

· Colour: black

Profile depth: 2.5 mmAbrasion-resistant

Heat-resistant to approx. 130°C

• Flexible at cold temperatures to approx. -20°C

• Oil and fuel resistant

