TECHNICAL DATA SHEET

ANTONIO XXSG GTX Mid ESD S3S WR CI No. 760941 Sz. 36 - 48





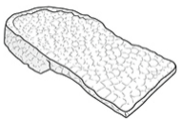


LABELLING ACCORDING TO STANDARD

Standard for safety footwear EN ISO 20345:2022 S3S	Basic requirement for S3S: **A** Antistatic shoe - **E** Energy absorption in the heel - **WPA** Water penetration and absorption - **S** Textile penetration protection - Closed heel area - Basic Slip resistance test on ceramic tile + NaLS (soap solution) - Profiled outsole
Additional requirements	**WR** WATER RESISTANCE, entire shoe **FO** FUEL RESISTANCE **SR** SLIP RESISTANCE on ceramic tile with glycerine. **SC** SCUFF CAP The overcap manages a certain amount of abrasion. **LG** LADDER GRIP Heel edge of at least 10 mm **CI** COLD INSULATED

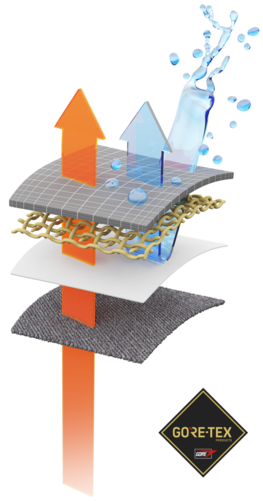
FORM

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

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/ S3L/S3S) Areas where there is a risk of electrostatic discharge (ESDS/ESD) Workplaces on hard Undergrounds: The revolutionary Infinergy® sole core cushions impacts and provides for a rebound effect when the compressive impulse subsides - for more energy in every step.
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)	• Expanded size range: available in sizes 36 - 48
Certification in accordance with DGUV rule 112-191	• Certified for orthopaedic modifications / inserts
Padded upper edge	• Excellent wearing comfort: the padded upper edge protects the Achilles tendon.
Full, padded bellows tongue	• Excellent wearing comfort: The tongue prevents pressure marks and avoids dirt from entering into the shoe.
Reflective material	• Good visibility in the dark
Sole core made of Infinergy® by BASF 	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.
Leather-free equipment	• Suitable for persons allergic to leather
PU scuff cap (polyurethane)	• Directly applied tip protection • Excellent wear protection in the shoe tip area • Protects the upper material in this area against premature wear
UPPER MATERIAL	
EXTRAGUARD	• Areas of application S2/S3 • Natural material, a robust and lightweight alternative to leather • When dry, it is approx. 40% lighter than leather • Wear-resistant, does not become brittle • Breathable • Water penetration/absorption in accordance with EN ISO 20345 S2 • Absorbs minimal moisture from the outside

LINING

Gore-Tex Performance Comfort Footwear



The GORE-TEX membrane prevents water from entering into the shoe, but still allows your feet to "breathe". This technology provides ideal climate comfort for all outdoor activities, even in the harshest weather conditions. All components of the shoe construction are precisely attuned to one another and are subject to constant quality controls.

The ALL-WEATHER membrane
The all-weather membrane constantly provides an ideal climate comfort inside the shoe in all wind and weather conditions. Keeps your feet cool in summer and warm in winter. Tiny pores keep wind and wetness outside.

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 ARTISAN ESD Level 2



- 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.
- Full inlay sole in three different heights to optimise the fit
- Level 1: Noticeably more comfort for sturdy feet
- Level 2: Provides comfortable cushioning for moderately sturdy feet
- Level 3: Effective shock absorption and increased grip for slim feet
- The inlay sole is functionally absorbing and releasing moisture and thus provides for a pleasant foot climate.
- Improvement of the shoe climate thanks to the PU foam's open cell structure. So the foot is always kept comfortably dry.
- The extreme softness of the PU foam absorbs shocks on impact and increases walking comfort.
- The full-length, exchangeable inlay sole provides the highest possible comfort in safety shoes.

PENETRATION RESISTANCE

Metal-free penetration protection with recycled material content	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. The metal-free midsole (penetration protection) is made from 20% recycled polyester.

OUTSOLE

WELLMAXX SAFETY-GRIP deep-treaded double-density sole with profile  	• S-line shaped configuration of the tread blocks, for an ergonomic foot roll • Excellent slip resistance • Antistatic
	Outsole: PU (polyurethane) • Colour: black • Profile depth: 6.0 mm • Particularly abrasion-resistant • Heat-resistant to approx. 130°C • Flexible at cold temperatures to approx. -20°C • Oil and fuel resistant
	Midsole: PU (polyurethane) with a core made of Infinergy® by BASF • The core made of Infinergy® provides a very good cushioning with rebound effect • The soft PU core provides a good impact absorption and high wearing comfort