TECHNICAL DATA SHEET

MARTEN XXSports grey-red Low ESD S1 No. 728160

Sz. 35 - 48











LABELLING ACCORDING TO STANDARD

Standard for safety footwear EN ISO 20345 S1 Basic requirement for S1:

A Antistatic shoe - E Energy absorption in the heel - FO Fuel resistance -

Closed heel area

Additional requirements

SRA Slip resistance: Slip resistant on floors of ceramic tiles with a sodium lauryl sulfate (SLS) solution.

FORM

Safety shoe



Form A - in size 42, the upper height must not exceed 11.2 cm.

AREAS OF APPLICATION

Areas of application

Dry work areas

Industry, storage, transport, assembly etc. (S1)

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 35 - 48

Certification in accordance with DGUV rule 112-191

Certified for orthopaedic inserts





EEATUDES	
FEATURES	
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.
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
Winner Plus X Award	The independent jury for the Plus X Award, the Innovation Prize for Technology, Spot, and Lifestyle, grants a total of seven seals of approval to brands that offer products with a competitive edge in terms of quality and innovation. ELTEN has always seen itself as an innovative business at the cutting edge of technology.
UPPER MATERIAL	
Mesh material	 Areas of application S1 Synthetic material Retains its shape Tear-resistant Quick drying Abrasion-resistant and light
Microfibre	 Synthetic material Particularly soft Retains its shape Tear-resistant Quick drying Abrasion-resistant and light
LINING	
Breathable fabric lining	 Climate-regulating Good ventilation Skin-friendly High absorption and emission of moisture
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 SPORTIVE ESD (rec)



- 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.
- Inlay sole with recycled material content
- The full-length, exchangeable inlay sole provides the highest possible comfort in safety shoes.
- 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.

INSOLE

Antistatic soft-fleece insole

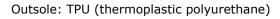
Antistatic, even if 100 % dry, without using additional means fulfilling a bridge function to the outsole.

- 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 SPORTS double-density sole with profile

Antistatic





· Colour: dark red

• Profile depth: 3.5 mm

• 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

