

TECHNICAL DATA SHEET

ANTHONY red Low ESD S1 Typ 2 No. 7275502


Sz. 36 - 48






LABELLING ACCORDING TO STANDARD

Standard for safety footwear EN ISO 20345:2022 S1	Basic requirement for S1: A Antistatic shoe - E Energy absorption in the heel - Closed heel area
Additional requirements	FO FUEL RESISTANCE

FORM

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

ERGO-ACTIVE Fußtypensystem	ERGO-ACTIVE foot type system with three fit variants	
	The right shoe for everyone: Three different types of lasts do not only take into account length and width of the foot, but also toe length, heel width and angle of the ball of the foot.	
	<p>Foot type 1:</p> <ul style="list-style-type: none"> • For larger feet • Short toes • Wide ball and heel area • Steep ball angle 	
	<p>Foot type 2:</p> <ul style="list-style-type: none"> • For normal feet • Long toes • Medium-wide ball and heel area • Flat ball angle 	
<p>Foot type 3:</p> <ul style="list-style-type: none"> • For slim feet • Medium-sized toes • Narrow ball and heel area • Medium ball angle 		

AREAS OF APPLICATION

Areas of application	<p>Dry work areas Industry, storage, transport, assembly etc. (S1)</p> <p>Areas where there is a risk of electrostatic discharge (ESDS/ESD)</p>
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FEATURES

ESD equipment	<p>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.</p>	
Sizes (unisex model)	<ul style="list-style-type: none"> • Expanded size range: available in sizes 36 - 48 	
Certification in accordance with DGUV rule 112-191	<ul style="list-style-type: none"> • Certified for orthopaedic modifications / inserts 	
Padded upper edge	<ul style="list-style-type: none"> • Excellent wearing comfort: the padded upper edge protects the Achilles tendon. 	
Full, padded bellows tongue	<ul style="list-style-type: none"> • Excellent wearing comfort: The tongue prevents pressure marks and avoids dirt from entering into the shoe. 	
Leather-free equipment	<ul style="list-style-type: none"> • Suitable for persons allergic to leather 	


UPPER MATERIAL

Microfibre	<ul style="list-style-type: none">• Synthetic material• Particularly soft• Retains its shape• Tear-resistant• Quick drying• Abrasion-resistant and light
Mesh material	<ul style="list-style-type: none">• Areas of application S1• Synthetic material• Retains its shape• Tear-resistant• Quick drying• Abrasion-resistant and light


LINING

Breathable fabric lining	<ul style="list-style-type: none">• Climate-regulating• Good ventilation• Skin-friendly• High absorption and emission of moisture
Heel pocket lining	<ul style="list-style-type: none">• The abrasion-resistant microfibre material is particularly sturdy and provides for a pleasant wearing comfort.

TOE PROTECTION CAP

Steel toe cap 	<ul style="list-style-type: none">• 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
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INLAY SOLE

Semi-orthopaedic inlay sole ESD 	<ul style="list-style-type: none">• 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 sole's footbed is tailored to the fit of the shoe as well as to the natural, intact longitudinal arch of the foot.• The improved heel damping is kind to the entire musculoskeletal system – from foot to spinal column.• 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.
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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

ERGO-ACTIVE double-density sole with profile



- S-line shaped configuration of the tread blocks, for an ergonomic foot roll
- Contrasting colours for dynamic design
- Excellent slip resistance
- Antistatic

Outsole: TPU (thermoplastic polyurethane)

- Colour: lightgrey, with coloured inserts
- 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: PU (polyurethane)

- The soft PU core provides a good impact absorption and high wearing comfort