TECHNICAL DATA SHEET

LEON S1P No. 11401 — Sz. 36 - 48





LABELLING ACCORDING TO STANDARD

Standard for safety footwear EN ISO 20345 S1P	Basic requirement for S1P: **A** Antistatic shoe - **E** Energy absorption in the heel - **FO** Fuel resistance - **P** Penetration resistance - Closed heel area
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 sandal 	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. Areas where there is a risk of penetration from pointed and sharp objects (S1P/ S1PL/S1PS)

FEATURES

Sizes (unisex model)	• Expanded size range: available in sizes 36 - 48
Padded upper edge	• Excellent wearing comfort: the padded upper edge protects the Achilles tendon.
Padded tongue	• Excellent wearing comfort: The tongue prevents pressure marks.
Perforated upper	• The perforation supports an optimum air circulation inside the shoe and thus contributes to a pleasant wearing comfort.

FEATURES	
Hook-and-pile fastener	• Can be opened and closed easily and quickly • Individually adjustable for optimal adaptation to the foot • Improves the comfort and fit
Heel loop	• Quicker into the shoe: The heel loop makes it easier to get inside the shoe
PU toe protection (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	
Cowhide leather	• Areas of application S1/S2/S3 • Natural material • Wear-resistant • Breathable • Water penetration/absorption in accordance with EN ISO 20345 S2
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 JORI 	• 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. • Antistatic

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)
PENETRATION RESISTANCE	
Steel midsole	Best possible protection from below: The corrosion-resistant midsole made of stainless steel complies with the penetration safety standard EN 12568 and furthermore fulfils the additional requirements for penetration protection in accordance with EN ISO 20344 / 20345. Particularly recommendable when working in areas where there is an increased risk of injuries due to pointed or sharp objects, such as in the construction industry.
OUTSOLE	
NEW BASIC double-density sole with profile  	• Excellent slip resistance • Antistatic
	Outsole: PU (polyurethane) • Colour: lightgrey • 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) • The soft PU core provides a good impact absorption and high wearing comfort