TECHNICAL DATA SHEET

DESPERADO ESD S3 No. 782071 — Sz. 37 - 47







LABELLING ACCORDING TO STANDARD

Standard for safety footwear EN ISO 20345 S3	Basic requirement for S3: **A** Antistatic shoe - **E** Energy absorption in the heel - **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. **CI** COLD INSULATED

FORM

Safety winter 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) Areas where there is a risk of electrostatic discharge (ESDS/ESD) Cold areas, working in winter, road construction 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.
Sizes (unisex model)	• Expanded size range: available in sizes 37 - 47

FEATURES	
Certification in accordance with DGUV rule 112-191	• Certified for orthopaedic inserts
Low weight sole	• Comfortable
Padded tongue	• Excellent wearing comfort: The tongue prevents pressure marks.
Collar padding	• Excellent wearing comfort: the ankle-wrapping, softly padded upper edge provides for stability and grip in the shoe.
Heel loop	• Quicker into the shoe: The heel loop makes it easier to get inside the shoe
UPPER MATERIAL	
Waxy cowhide leather with vintage style	• Areas of application S2/S3 • Natural material • Waxed • Wear-resistant • Breathable • Water penetration/absorption in accordance with EN ISO 20345 S2
Sustainably produced leather	• Manufactured in Germany according to high social and ecological standards
LINING	
Warm lining	• Good ventilation • Skin-friendly • High absorption 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 made of fleece 	• 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

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

PIRATE double-density sole with profile  	• Red contrasts in form of a skull • Excellent slip resistance • Antistatic
	Outsole: Rubber • Colour: black, with coloured inserts • Profile depth: 3.0 mm • Particularly abrasion-resistant • Heat-resistant to approx. 200°C, for short periods to 300°C • Flexible at cold temperatures to approx. -20°C • Oil and fuel resistant • Resistant to a large number of chemicals (acids and alkalis)
	Midsole: PU (polyurethane) • The soft PU core provides a good impact absorption and high wearing comfort