

TECHNICAL DATA SHEET

DUSTIN BOA® Low ESD S3S No. 72721

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	FO FUEL RESISTANCE SR SLIP RESISTANCE on ceramic tile with glycerine.

FORM

Safety shoe 	Form A - in size 42, the upper height must not exceed 11.2 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 and smooth industrial floors: Ergonomic pivot points and improved torsion provide for additional grip and flexibility.
----------------------	---

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	

FEATURES		
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	
BOA® Fit System	Delivering fit solutions purpose-built for performance, the BOA® Fit System is featured in products across industries (including sports, workwear and medical) and consists of three integral parts: a micro adjustable dial, a super-strong lightweight lace and low friction lace guides. Each unique configuration is engineered for fast, effortless, precision fit and is backed by the BOA® Guarantee.	
UPPER MATERIAL		
Hydrophobized nubuck leather	- Areas of application S2/S3 - Natural material - Wear-resistant - Breathable - Water penetration/absorption in accordance with EN ISO 20345 S2 - By hydrophobation, higher resistance against water penetration and water absorption	
Hydrophobized textile material	- Areas of application S2/S3 - Synthetic material - Shape-retaining - Tear-resistant - Dries quickly - Wear-resistant and light - Water penetration/absorption in accordance with EN ISO 20345 S2 - By hydrophobation, higher resistance against water penetration and water absorption	
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

Semi-orthopaedic inlay sole ESD



- 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.

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

DIMENSION PRO double-density sole with profile



- Contrasting colours for dynamic design
- Excellent slip resistance
- Antistatic

Outsole: TPU (thermoplastic polyurethane)

- Colour: lightgrey
- Profile depth: 3.0 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
- Extra-thick midsole for improved cushioning