TECHNICAL DATA SHEET

DINO black S3 No. 63331

Sz. 39 - 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 -

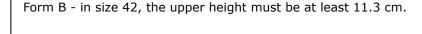
WRU Water penetration and water absorption resistant upper - **P** Penetration resistance - Closed heel area - Profiled outsole

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.

FORM

Safety laced boot





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)

E.g. track construction, difficult terrain, forklift operators / lorry drivers Activities on different kinds of ground surfaces and terrains Areas where there is often a risk of twisting the foot

FEATURES

Certification in accordance with DGUV rule 112-191

Certified for orthopaedic inserts



Full, padded bellows tongue

• Excellent wearing comfort: The tongue prevents pressure marks and avoids dirt from entering into the shoe.



FEATURES	
Collar padding	 Excellent wearing comfort: the ankle-wrapping, softly padded upper edge provides for stability and grip in the shoe.
Reflective material	Good visibility in the dark
Heel loop	Quicker into the shoe: The heel loop makes it easier to get inside the shoe
Biomex Protection [©] plastic cuff	With the Biomex Protection [©] you support the ankle in its natural movement and protect it against twisting. Compared with other systems intended to protect the ankle, Biomex Protection [©] keeps the shoe comfortably light and does not make the ankle stiff. All around professionally protected with the asymmetric upper collar made by Biomex Protection [©] : Thanks to the offset pivot points, it follows the natural movement of the knee and lower leg along the body's axis.
Heat-resistant Nomex [®] laces and seams	Best possible protection against flames, heat and chemicals. Cleaning does not affect the heat resistance.
Abrasion-resistant toe protection	 Directly applied to the upper in the shoe tip area Excellent wear protection in the shoe tip area Protects the upper in this critical 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
Textile material	 Areas of application S1 Synthetic material Retains its shape Tear-resistant Quick drying Abrasion resistant and light
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
LINING	
Breathable fabric lining	 Climate-regulating Good ventilation Skin-friendly High absorption and emission of moisture



LINING

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

double-density sole with profile





- Excellent slip resistance
- Antistatic

Outsole: PU (polyurethane)

• Colour: black

Profile depth: 3.6 mmAbrasion-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

