OBSID

Area of use*

Technical features

Metal free, high cut safety shoes.
Upper: water repellent full grain leather.
Lining: textile with microfiber anti-slip insert.
Tongue: padding, with gusset.
Toe cap: composite shockproof 200J.
Insole: ESD, ergonomic in preformed PU.
Pierce resistant midsole: high tenacity textile.
Sole: polyurethane double-density with foam insert.
Colour: black.
Sizes: 39 to 47.
Packaging: carton of 10 pairs.
Subpackaging: individual box.
Weight: 710 g (Approximative weight of a shoe, size 42).

Advantages

Resistance to hydrocarbons thanks to the injected (polyurethane double-density) sole.
High resistance thanks to composite shockproof toe cap
Metal free shoes.
Excellent grip thanks to the notched sole.

FOOT
Protection

Certification

This product complies with **European Regulation (EU) 2016/425** on Personal Protective Equipment (**PPE**). **Category II.** Issued by **TÜV SÜD Danmark**, notified body n°**2443**.

EN ISO 20345 : 2022 + A1 : 2024 (S3S FO SR LG CI) / EN IEC 61340-5-1 : 2024 (ESD)

Download the EU declaration of conformity on **https://docs.singer.fr**

(*) Example of use given as a guide only. The end user must check whether the product is suitable or not for the intended use.
Before any use, read carefully the instructions enclosed with the product. Exclusive sale to professionals.

SINGER safety

STANDARDS (2022)

EN ISO 20344	Personal protective equipment: Test methods for footwear.
EN ISO 20345	Safety footwear: Toe protection against shocks (200 J) and the risks of flattening (15 kN).
EN ISO 20346	Protective shoes: Toe protection against shocks (100 J) and the risks of flattening (10 kN).
EN ISO 20347	Occupational footwear: No specification about toe protection.

SLIP RESISTANCE

SB	Basic properties	On ceramic surface, covered with SLS.
SR	**Optional properties**	On ceramic surface, covered with glycerol.

EN ISO 20345 - SHOES CLASS

SB	Class I ou II	Basic properties
S1	Class I	SB + Closed backpart + Antistatic shoes (A) + Energy absorption of the heel (E)
S2	Class I	S1 + Water penetration and absorption resistance of the upper (WPA)
S3	Class I	S2 + Metal pierce resistant midsole (P) + Studded sole
S3L	Class I	S2 + Metal free, pierce resistant midsole (PL) + Studded sole
S3S	**Class I**	**S2 + Metal free, pierce resistant midsole (PS) + Studded sole**
S6	Class I	S2 + Water resistance of the whole footwear (WR)
S7	Class I	S3 + Water resistance of the whole footwear (WR)
S7L	Class I	S3L + Water resistance of the whole footwear (WR)
S7S	Class I	S3S + Water resistance of the whole footwear (WR)
S4	Class II	SB + Closed backpart + Antistatic shoes (A) + Energy absorption of the heel (E)
S5	Class II	S4 + Metal pierce resistant midsole (P) + Studded sole
S5L	Class II	S4 + Metal free, pierce resistant midsole (PL) + Studded sole
S5S	Class II	S4 + Metal free, pierce resistant midsole (PS) + Studded sole

USED MATERIAL CLASS

Class I	All leather and other materials (except for all rubber or all polymer)
Class II	All rubber (fully vulcanised) or all polymer (fully moulded).

EN ISO 20345 - OPTIONAL REQUIREMENTS

E	Energy absorption of the heel
P	Metal pierce resistant midsole
PL	Metal free, pierce resistant midsole (tested with broad tip)
PS	Metal free, pierce resistant midsole (tested with fine tip)
CR	Cut resistant upper
M	Shockproof metatarsal protection
C	Conductive shoes
A	Antistatic shoes
HI	Insulation sole against contact heat
CI	Insulation sole against cold
HRO	Contact heat resistant outsole compound
WPA	Water penetration and absorption resistance of the upper
WR	Water resistance of the whole footwear
AN	Malleoli protection
SC	Stone guard resistance to abrasion
SR	Slip resistance (ceramic surface + glycerin)
FO	Resistance to fuel oil
LG	Grip system for ladder

EN IEC 61340-5-1 - ELECTROSTATIC (ESD)

Shoes that cover this standard are «dissipative». This standard defines the shoes that protect electronic equipment against an electrostatic discharge.
Electrical resistance: < 1 Ω x 10^8. Antistatic shoes are not necessarily ESD.

ADVANTAGES

	**Slip resistance**		**Studded sole**
	Antiperforation steel sole (1100N)		**Antiperforation high tenacity textile sole (1100N)**
	Shockproof steel toe cap (200J)		**Shockproof composite toe cap (200J)**
	**Antistatic properties**		**Water penetration esistance**
	**Resistance to fuel oil**		**Energy absorption of the heel**