

RULES AND STANDARDS

All the safety and occupational footwear in our product range comply with EN standards and applicable norms for worker safety within various professional fields. The various EN standards are based on the PPE Regulation (EU) 2016/425.

The table below shows the various protection classes. There are also a number of additional tests – see the fact box for examples.

Please contact customer service at +46(0)247 360 00 if you need help picking the right shoes.

SAFETY FOOTWEAR

TABLE ACCORDING TO STANDARD EN ISO 20345:2022

CLASS		Protective toe cap	Mandatory slip resistance (similar to SRA)	Closed seat region (fully enclosed heel)	A Electrical resistance (0.1-1000 MΩ)	E Energy absorption under the heel	P Anti-puncture protection	WPA Water-penetration and absorption	Cleated outsole	WR
I, II	SB	●	●							
I	S1	●	●	●	●	●				
I	S1P	●	●	●	●	●	●			
NEW	I	●	●	●	●	●	●			
	I	●	●	●	●	●	●			
I	S2	●	●	●	●	●		●		
I	S3	●	●	●	●	●	●	●		
NEW	I	●	●	●	●	●	●	●		
	I	●	●	●	●	●	●	●		
II	S4	●	●	●	●					
II	S5	●	●	●	●	●	●		●	
NEW	II	●	●	●	●	●	●		●	
	II	●	●	●	●	●	●		●	
	I	●	●	●	●	●		●		●
	I	●	●	●	●	●	●	●	●	●
	I	●	●	●	●	●	●	●	●	●
I	S7S	●	●	●	●	●	●	●	●	●

OCCUPATIONAL FOOTWEAR

TABLE ACCORDING TO STANDARD EN ISO 20347:2012

CLASS		Closed seat region (fully enclosed heel)	A Electrical resistance (0.1-1000 MΩ)	E Energy absorption under the heel	WRU Water-repellent upper	Cleated outsole	P Anti-puncture protection
I, II	OB						
I	O1	●	●	●			
I	O2	●	●	●	●		
I	O3	●	●	●	●	●	●
II	O4	●	●	●	●		
II	O5	●	●	●	●	●	

STANDARDS FOR FOOTWEAR - SPECIFIC REQUIREMENTS

Class I Footwear made from leather and other materials, excluding all-rubber or all-polymeric footwear.

Class II All-rubber (i.e., entirely vulcanised) or all-polymeric (i.e. entirely moulded) footwear.

O Shoes marked with an O are not equipped with a protective steel toecap but meet the basic requirements for work shoes.

S Shoes marked S have toecaps which will withstand 200 J of impact energy and 15 kN of pressure.

SB Class I or II, mandatory items.

P Perforation resistance (metal insert Type P).

PL Perforation resistance (metal insert Type PL).*

PS Perforation resistance (metal insert Type PS).*

C Partly conductive footwear.

A Anti-static footwear.

HI Heat insulation of outsole complex.

CI Cold insulation of outsole complex.

E Energy absorption of seat region.

WR Water resistance.

M Metatarsal protection.

AN Ankle protection.

CR Cut resistance.

SC Scuff cap abrasion.*

SR Slip resistance (ceramic tile floor with glycerine).*

WPA Water penetration and absorption.*

HRO Resistance to hot contact.

FO Resistance to fuel oil.

LG Ladder grip.*

* New footwear standards

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I, II	SB	●	●							
I	S1	●	●	●	●	●				
NEW	I	S1P/S1PL/S1PS	●	●	●	●	●			
I	S2	●	●	●	●	●		●		
NEW	I	S3/ S3L/ S3S	●	●	●	●	●	●		
II	S4	●	●	●	●					
NEW	II	S5/ S5L/ S5S	●	●	●	●	●		●	
I	S6	●	●	●	●	●		●		●
I	S7/ S7L/ S7S	●	●	●	●	●	●	●	●	●

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I, II	OB						
I	O1	●	●	●			
I	O2	●	●	●	●		
I	O3	●	●	●	●	●	●
II	O4	●	●	●	●		
II	O5	●	●	●	●	●	

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