



Labeling of the categories of safety footwear

EN ISO 20345:2022

Protection category	Protective toe cap	Slip resistance basic requirement	Closed heel area	Antistatic	Energy absorption in the heel area	Water-repellent upper material	Waterproofness of the entire shoe	Penetration protection
SB	✓	✓						
S1	✓	✓	✓	✓	✓			
S2	✓	✓	✓	✓	✓	✓		
S3	✓	✓	✓	✓	✓	✓		Metal penetration protection
S3L	✓	✓	✓	✓	✓	✓		Non-metallic Penetration protection type PL
S3S	✓	✓	✓	✓	✓	✓		Non-metallic penetration protection type PS
S6	✓	✓	✓	✓	✓	✓	✓	
S7	✓	✓	✓	✓	✓	✓	✓	Metal penetration protection
S7L	✓	✓	✓	✓	✓	✓	✓	Non-metallic penetration protection type PL
S7S	✓	✓	✓	✓	✓	✓	✓	Non-metallic penetration protection type PS



Labeling the categories of occupational footwear

EN ISO 20347:2022

Protection category	Protective toe cap	Slip resistance basic requirement	Closed heel area	Antistatic	Energy absorption in the heel area	Water-repellent upper material	Waterproofness of the entire shoe	Penetration protection
OB		✓						
O1		✓	✓	✓	✓			
O2		✓	✓	✓	✓	✓		
O3		✓	✓	✓	✓	✓		Metal penetration protection
O3L		✓	✓	✓	✓	✓		Non-metallic Penetration protection type PL
O3S		✓	✓	✓	✓	✓		Non-metallic penetration protection type PS
O6		✓	✓	✓	✓	✓	✓	
O7		✓	✓	✓	✓	✓	✓	Metal penetration protection
O7L		✓	✓	✓	✓	✓	✓	Non-metallic penetration protection type PL
O7S		✓	✓	✓	✓	✓	✓	Non-metallic penetration protection type PS



Meaning of the additional requirements

Labeling	Meaning
A	Antistatic shoes
E	Energy absorption in the heel area
HI	Heat insulation of the sole complex
CI	Cold insulation of the sole complex
WR	Waterproofness of the shoes
WPA	Water-repellent upper material (water penetration and water absorption)
HRO	Behavior of the outsole towards contact heat (300°)
M	Midfoot protection
AN	Ankle protection
FO	Fuel resistance of the outsole
P	Puncture resistance (metallic insert, type P)
PL	Puncture resistance (non-metallic insert, type PL)
PS	Puncture resistance (non-metallic insert, type PS)
CR	Cut resistance of the upper material to blades
SC	Bump cap abrasion (abrasion-resistant overcap)
LG	Hold onto ladders
SR	Additional slip resistance (on floor ceramic tiles with glycerine)