

EN-ISO 20345:2022 FOR SAFETY FOOTWEAR WITH SAFETY TOE CAP

1) BASIS REQUIREMENTS SB

All safety footwear meets the following basic properties:

- Safety toe cap (S)
- Open/closed heel
- Slip-resistant outsole

2) CHARACTERISTICS SAFETY CLASSES

A Antistatic	E Energy absorbing heel	HI Heat insulating	CI Cold insulating	P <small>NEW</small> Metallic perforation resistance	PL <small>NEW</small> Non-metallic perforation resistance (long nails)
PS <small>NEW</small> Non-metallic perforation resistance (short nails)	M Metatarsal protection	AN Ankle protection	SC <small>NEW</small> Scuff cap	CR Cutting resistance	WR Water resistant
WPA Water penetration and absorption	HRO Heat-resistant outsole (300c)	LG <small>NEW</small> Ladder hold	FO Oil/fuel resistant sole	SR <small>NEW</small> Slip resistance	

3) SAFETY CLASSES (TITLE)

CLASS I

S1 = SB + A E + closed heel	S2 = S1 + WPA	S3 = S2 + P + profiled outsole	S6 = S2 + WR
S1P = S1 + P	S2P = S2 + P	S3L = S2 + PL + profiled outsole	S6P = S6 + P
S1PL = S1 + PL	S2PL = S2 + PL	S3S = S2 + PS + profiled outsole	S6PL = S6 + PL
S1PS = S1 + PS	S2PS = S2 + PS		S6PS = S6 + PS

CLASS II

S7 = S3 + WR	S4 = S2 + made from rubber and/or polymers	S5 = S3 + made from rubber and/or polymers
S7L = S7 + PL		S5L = S5 + PL
S7S = S7 + PS		S5S = S5 + PS

*Class II footwear is waterproof.

EN-ISO 20347:2022 FOR WORK FOOTWEAR WITHOUT SAFETY TOE CAP

1) BASIS REQUIREMENTS SB

All work footwear meets the following basic properties:

- Open/closed heel
- Slip-resistant outsole

2) CHARACTERISTICS SAFETY CLASSES

A Antistatic	E Energy absorbing heel	HI Heat insulating	CI Cold insulating	P <small>NEW</small> Metallic perforation resistance	PL <small>NEW</small> Non-metallic perforation resistance (long nails)
PS <small>NEW</small> Non-metallic perforation resistance (short nails)	M Metatarsal protection	AN Ankle protection	SC <small>NEW</small> Scuff cap	CR Cutting resistance	WR Water resistant
WPA Water penetration and absorption	HRO Heat-resistant outsole 300c	LG <small>NEW</small> Ladder hold	FO Oil/fuel resistant sole	SR <small>NEW</small> Slip resistance	

3) SAFETY CLASSES (TITLE)

CLASS I

01 = 0B + A E + closed heel	02 = 01 + WPA	03 = 02 + P + profiled outsole	06 = 02 + WR
01P = 01 + P	02P = 02 + P	03L = 02 + PL + profiled outsole	06P = 06 + P
01PL = 01 + PL	02PL = 02 + PL	03S = 02 + PS + profiled outsole	06PL = 06 + PL
01PS = 01 + PS	02PS = 02 + PS		06PS = 06 + PS

CLASS II

07 = 03 + WR	04 = 02 + made from rubber and/or polymers	05 = 03 + made from rubber and/or polymers
07L = 07 + PL		05L = 05 + PL
07S = 07 + PS		05S = 05 + PS

*Class II footwear is waterproof.