

FOOT PROTECTION EXPLANATION OF STANDARDS

WHICH SHOES FIT YOUR FEET? WHEN DETERMINING THE OPTIMUM WORK FOOTWEAR, CRITERIA FOR **PROTECTION AGAINST HAZARDS ARE JUST AS IMPORTANT AS WEARING COMFORT AND USER-FRIENDLINESS – FOR YOUR EMPLOYEES.**



EN IISO 20345 SAFETY FOOTWEAR

This includes footwear with toe caps providing tested protection against impact with a test force of at least 200 J and against pressure at a compressive stress of at least 15 kN.

Symbol	Covered risk	Safety footwear EN ISO 20345							
		SB	S1	S1P	S2	S3	S4	S5	
-	Basic requirement	✓	✓	✓	✓	✓	✓	✓	
-	Toe cap up to 200 joule	✓	✓	✓	✓	✓	✓	✓	
P	penetration resistance			✓		✓		✓	
A	Antistatic		✓	✓	✓	✓	✓	✓	
E	Energy absorption capacity in the heel area		✓	✓	✓	✓	✓	✓	
FO	Oil and gasoline resistance		✓	✓	✓	✓	✓	✓	
WRU	Protection against water penetration and absorption				✓	✓			
WR	Waterproof						✓	✓	
-	Cleated outsole					✓		✓	

Other abbreviations

HRO	Thermal behaviour of the sole
SRA	Slip resistance tested on ceramic tiles with sodium lauryl sulphate solution (NaLS)
SRB	Slip resistance on steel with glycerol
SRC	Meets the slip resistance requirements according to SRA and SRB
HI	Heat insulation of the sole structure
CI	Cold insulation of the sole structure