

SHOES – STANDARDS

BASIC CATEGORIES OF SAFETY AND OCCUPATIONAL SHOES

EN ISO 20345:2011 – SAFETY SHOES (with toe cap)

- SB** basic requirements
- S1** = SB + closed seat region, antistatic, energy absorption in heel area
- S2** = S1 + conjunction and absorbancy of water
- S3** = S2 + penetration resistance, cleated outsole
- S4** = SB + antistatic, energy absorption in heel area
- S5** = S4 + penetration resistance, cleated outsole

EN ISO 20347:2012 – OCCUPATIONAL SHOES (without toe cap)

- OB** basic requirements
- O1** = OB + closed seat region, antistatic, energy absorption in heel area
- O2** = O1 + conjunction and absorbancy of water
- O3** = O2 + penetration resistance, cleated outsole
- O4** = OB + closed seat region, antistatic, energy absorption in heel area
- O5** = O4 + penetration resistance, cleated outsole



EN ISO 17249 safety footwear with resistance to chainsaw cutting

SHOES – EXPLANATIONS

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|--------------------------------|--------------------------------|--------------------------------------|
| energy absorption in heel area | antiperforation steel midsole | heat resistant outsole |
| antislip outsole | breathable upper | non-metallic toe cap |
| water resistant upper | protection against cold | antiperforation non-metallic midsole |
| safety toe cap | fuel and oil resistant outsole | available in big size till 50 |
| metatarsal protection | antistatic shoes | available in small size from 35 |
- ESD – electrostatic discharge (EN 61340)

SIZE TABLES

WOMEN'S SHOES

English numbering	2	3	3,5	4	4,5	5	5,5	6	6,5	7	7,5	8
French numbering	34	35	36	37	37,5	38	38,5	39	40	41	41,5	42
Foot length in mm	215	220	225	230	235	240	245	250	255	260	265	270
Metric numbering in cm	22,5	23	23,5	24	24,5	25	25,5	26	26,5	27	27,5	28

MEN'S SHOES

English numbering	5	5,5	6	6,5	7	7,5	8	8,5	9	9,5	10	11	12	12,5	13	14	15
French numbering	38	38,5	39	40	41	41,5	42	42,5	43	44	45	46	47	47,5	48	49	50
Foot length in mm	240	245	250	255	260	265	270	275	280	285	290	295	300	305	310	320	330
Metric numbering in cm	25	25,5	26	26,5	27	27,5	28	28,5	29	29,5	30	30,5	31	31,5	32	33	34