

exena.

WATT SB E PS WPA FO SR



DESCRIPTION	NORM EN ISO 20345:2022 + A1:2024	RESULT	REQUIREMENT	
UPPER: Printed leather, water-repellent treatment	5.4.3 Tear strength	186 N	≥ 120 N	
	5.4.6 Water vapor permeability Coefficient	2,3 mg/cm ² h 27,1 mg/cm ²	≥ 0,8 mg/cm ² h ≥ 15,0 mg/cm ²	
	VAMP LINING: Breathable, abrasion resistance.	5.5.2 Tear strength	79 N	≥ 15 N
QUARTER LINING: Breathable, abrasion resistance.	5.5.3 Abrasion resistance (Wet)	No holes	25.600 cycles	
	Abrasion resistance (Dry)	No holes	51.200 cycles	
	5.5.4 Water vapor permeability Coefficient	5,6 mg/cm ² h 45,5 mg/cm ²	≥ 2,0 mg/(cm ² h) ≥20,0 mg/cm ²	
COUNTER LINING: Breathable, abrasion resistance.	5.5.2 Tear strength	49 N	≥ 15 N	
	5.5.3 Abrasion resistance (Wet)	No holes	25.600 cycles	
	Abrasion resistance (Dry)	No holes	51.200 cycles	
COUNTER LINING: Breathable, abrasion resistance.	5.5.4 Water vapor permeability Coefficient	84,5 mg/cm ² h 676,0 mg/cm ²	2,0 mg/(cm ² h) ≥20,0 mg/cm ²	
	SAFETY TOE CAP: Non-metallic polycarbonate safety toe	5.5.2 Tear strength	49 N	≥ 15 N
		5.5.3 Abrasion resistance (Wet)	No holes	25.600 cycles
Abrasion resistance (Dry)		No holes	51.200 cycles	
SAFETY TOE CAP: Non-metallic polycarbonate safety toe	5.5.4 Water vapor permeability Coefficient	84,5 mg/cm ² h 676,0 mg/cm ²	≥ 2,0 mg/(cm ² h) ≥20,0 mg/cm ²	
	5.3.2.6 Impact resistance	14,5 mm	≥ 14 mm	
SAFETY TOE CAP: Non-metallic polycarbonate safety toe	5.3.2.7 Compression resistance	15,5 mm	≥ 14 mm	
	PIERCE-RESISTANCE: Textile pierce proof footbed.	6.2.1.1.3 Resistance to perforation	1555 N	≥ 1100 N

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FOOTBED: Removable, cushioned, antistatic insole.

5.7.4.2 Abrasion resistance (Dry)
Abrasion resistance (Wet)

No holes
No holes

25.600 cycles
12.800 cycles

OUTSOLE: PU + Nitrous gum, Antislip sole, SR

5.8.3 Tear strength
5.8.4 Abrasion resistance
5.8.5 Flexing resistance
5.8.6 Hydrolysis
6.4.2 Oils resistance
6.2.10 Slip resistance on ceramic with glycerin
(tilted towards the heel of 7°)
(tilted towards the tip of 7°)
5.3.5.2 Slip resistance on ceramic with cleaning agent
(tilted towards the heel of 7°)
(tilted towards the tip of 7°)

11,3 kN/m
109 mm³
0,9 mm
0,9 mm
4 %

0,26
0,25

0,38
0,41

≥ 8 kN/m
≤ 250 mm³
≤ 4,0 mm
≤ 6,0 mm
≤ 12%

≥ 0,19
≥ 0,22

≥ 0,31
≥ 0,36

SIZES: 38-47

WEIGHT: (g)

38	39	40	41	42	43	44	45	46	47
1355	1380	1405	1430	1455	1480	1505	1530	1555	1580