

exena.

SPRINT S1 PS FO SR ESD



DESCRIPTION	NORM EN ISO 20345:2022	RESULT	REQUIREMENT
UPPER: Breathable fabric	5.4.3 Tear strength	92,2 N	≥60 N
	5.4.6 Water vapor permeability Coefficient	6,5 mg/cm ² h	≥ 0,8 mg/cm ² h
		61,0 mg/cm ²	≥ 15,0 mg/cm ²
	5.4.3 Tear strength (grey nylon)	207,4 N	≥60 N
LINING OF TONGUE: Breathable, abrasion resistance.	5.5.2 Tear strength	65,8 N	≥ 15 N
	5.5.3 Abrasion resistance (Wet)	No holes	25.600 cycles
	Abrasion resistance (Dry)	No holes	51.200 cycles
QUARTER LINING: Breathable, abrasion resistance.	5.5.2 Tear strength	42,4 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.	5.5.2 Tear strength	21,6 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: Aluminum	5.3.2.6 Impact resistance	17,5 mm	≥ 14 mm
	5.3.2.7 Compression resistance	20,5 mm	≥ 14 mm
PIERCE-RESISTANCE: Textile pierce proof footbed,	6.2.1.1.3 Resistance to perforation	1285 N	≥ 1100 N

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FOOTBED: Removable,
cushioned, antistatic insole.

OUTSOLE: EVA, Antislip sole,
SR

5.7.4.2 Abrasion resistance (Dry)
Abrasion resistance (Wet)

No holes
No holes

25.600 cycles
12.800 cycles

5.8.3 Tear strength

23,2 kN/m

≥ 5 kN/m

5.8.4 Abrasion resistance

96,4 mm³

≤ 250 mm³

5.8.5 Flexing resistance

0,5 mm

≤ 4,0 mm

6.4.2 Oils resistance

7,4 %

≤ 12%

6.2.10 Slip resistance on ceramic with
glycerin

(tilted towards the heel of 7°)

0,30

≥ 0,19

(tilted towards the tip of 7°)

0,29

≥ 0,22

5.3.5.2 Slip resistance on ceramic with
cleaning agent

(tilted towards the heel of 7°)

0,42

≥ 0,31

(tilted towards the tip of 7°)

0,39

≥ 0,36

6.2.2.2 Antistatic

Dry: 96,0 MΩ

0,1 ÷ 1000 MΩ

Wet: 11,9 MΩ

0,1 ÷ 1000 MΩ

SIZES: 36-48

WEIGHT: (KG)

36 37 38 39 40 41 42 43 44 45 46 47 48

0.571 0.629 0.687 0.745 0.803 0.861 0.919 0.977 1.035 1.093 1.151 1.209 1.267

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