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SUMATRA_24 S3L FO SR



DESCRIPTION	NORM EN ISO 20345:2022 + A1:2024	RESULT	REQUIREMENT
UPPER: Genuine leather, water repellent treatment, breathable textile	5.4.3 Tear strength 5.4.6 Water vapor permeability Coefficient	205 N 4,5 mg/cm ² h 38,1 mg/cm ²	≥120 N ≥ 0,8 mg/cm ² h ≥ 15,0 mg/cm ²
VAMP LINING: Breathable, abrasion resistance.	5.5.2 Tear strength 5.5.3 Abrasion resistance (Wet) Abrasion resistance (Dry) 5.5.4 Water vapor permeability Coefficient	46 N No holes No holes 66.2 mg/cm ² h 530,1 mg/cm ²	≥ 15 N 25.600 cycles 51.200 cycles ≥ 2,0 mg/cm ² ≥20,0 mg/cm ²
QUARTER LINING: Breathable, abrasion resistance mesh	5.5.2 Tear strength 5.5.3 Abrasion resistance (Wet) Abrasion resistance (Dry) 5.5.4 Water vapor permeability Coefficient	51 N No holes No holes 68,6 mg/cm ² h 549,6 mg/cm ²	≥ 15 N 25.600 cycles 51.200 cycles ≥ 2,0 mg/cm ² ≥20,0 mg/cm ²
COUNTER LINING:	5.5.2 Tear strength 5.5.3 Abrasion resistance (Wet) Abrasion resistance (Dry) 5.5.4 Water vapor permeability Coefficient	27 N No holes No holes 3,4 mg/cm ² h 29 mg/cm ²	≥ 15 N 25.600 cycles 51.200 cycles ≥ 2,0 mg/(cm ² h) ≥20,0 mg/cm ²
SAFETY TOE CAP: Non-metallic polycarbonate safety toe.	5.3.2.6 Impact resistance 5.3.2.7 Compression resistance	15,5 mm 15 mm	≥ 14 mm ≥ 14 mm

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PIERCE-RESISTANCE: Textile pierce proof footbed,	6.2.1.1.3 Resistance to perforation	PASS	Min.1100 N
FOOTBED: Removable, cushioned, antistatic insole.	5.7.4.2 Abrasion resistance (dry)	NO HOLES	25.600 cycles
	Abrasion resistance (wet)	NO HOLES	12.800 cycles
OUTSOLE: PU PU 2D, Antislip sole, SR	5.8.3 Tear strength	11 kN/m	≥ 8 kN/m
	5.8.4 Abrasion resistance	52 mm ³	≤ 150 mm ³
	5.8.5 Flexing resistance	1 mm	≤ 4,0 mm
	5.8.6 Hydrolysis	1,3 mm	≤ 6,0 mm
	6.4.2 Oils resistance	6,8 %	≤ 12%
	6.2.10 Slip resistance on ceramic with glycerin		
	(tilted towards the heel of 7°)	0,23	≥ 0,19
	(tilted towards the tip of 7°)	0,26	≥ 0,22
	5.3.5.2 Slip resistance on steel with cleaning agent		
	(tilted towards the heel of 7°)	0,36	≥ 0,31
	(tilted towards the tip of 7°)	0,41	≥ 0,36
6.2.2.2 Antistatic			
	dry: 821 MΩ	0,1 ÷ 1000 MΩ	
	wet: 551 MΩ	0,1 ÷ 1000 MΩ	

SIZES: 35-48

WEIGHT: 1.2 kg (1 pa 42)