

exena.

VENOM S1 PS FO SR ESD



DESCRIPTION	NORM EN ISO 20345:2022	RESULT	REQUIREMENT
UPPER: Ultra-light and durable textile fibre	5.4.3 Tear strength 5.4.6 Water vapor permeability Coefficient	109,5 N 8.1 mg/cm ² h 109 mg/cm ²	≥60 N ≥ 0,8 mg/cm ² h ≥ 15,0 mg/cm ²
VAMP LINING: Green 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	54.9 N No holes No holes 80.3 mg/cm ² h 642.3 mg/cm ²	≥ 15 N 25.600 cycles 51.200 cycles ≥ 2,0 mg/cm ² ≥20,0 mg/cm ²
QUARTER LINING: Green Breathable, abrasion resistance mesh	5.5.1 Tear strength 5.5.2 Abrasion resistance(Wet) Abrasion resistance(Dry) 5.5.3 Water vapor permeability Coefficient	54.9 N No holes No holes 80.3 mg/cm ² h 642.3 mg/cm ²	≥ 15 N 51.200 cycles 25.600 cycles ≥ 2,0 mg/cm ² ≥20,0 mg/cm ²
SAFETY TOE CAP: Fiber glass 200J	5.3.2.3 Impact resistance 5.3.2.4 Compression resistance	19.5 mm 24 mm	≥ 14 mm ≥ 14 mm
PIERCE-RESISTANCE: Textile pierce proof footbed,	5.1.2 Resistance to perforation 5.2 Flexing Resistance	1300 N No Visible Signs of Disintegration or Delamination After 1 × 10 ⁶ Flexion Cycles.	Min.1100 N
FOOTBED: Removable, cushioned, antistatic insole.	5.7.4.2 Abrasion resistance(Wet) Abrasion resistance(Dry)	No holes No holes	25.600 cycles 12.800 cycles

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OUTSOLE: PU 2D, Antislip SRC	5.8.2 Tear strength	10.8 kN/m	≥ 8 kN/m
	5.8.3 Abrasion resistance	47.1 mm ³	≤ 150 mm ³
	5.8.4 Flexing resistance	0.2 mm	≤ 4,0 mm
	5.8.5 Hydrolysis	0.3 mm	≤ 6,0 mm
	5.13 Antistatic	dry: 45.7 x10 ⁷ Ω	pass
		wet: 4.82 x10 ⁷ Ω	pass
	6.4.2 Oils resistance	10.0 %	≤ 12%
	5.14 Slip resistance		
	Sodium lauryl sulphate		
	Forward heel slip	0.41	≥ 0,31
	Backward forepart slip	0,43	≥ 0,36
	Glycerine		
Forward heel slip	0,20	≥ 0,19	
Backward forepart slip	0,17	≥ 0,22	

ELECTROSTATIC

PASS

SIZES: 36-48

WEIGHT: 1kg (1 pa 42)