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TITANIUM_23 S3S HRO HI FO SR



DESCRIPTION	NORM EN ISO 20345:2022	RESULT	REQUIREMENT
UPPER: Black genuine leather	5.4.3 Tear strength 5.4.6 Water vapor permeability Coefficient	244 N 2.5 mg/cm ² h 20.7 mg/cm ²	≥120 N ≥ 0,8 mg/cm ² h ≥ 15,0 mg/cm ²
VAMP 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	79 N No holes No holes 5,6 mg/cm ² h 45,5 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	50 N No holes No holes 16,5 mg/cm ² h 132,4 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	50 N No holes No holes 16,5 mg/cm ² h 132,4 mg/cm ²	≥ 15 N 25.600 cycles 51.200 cycles ≥ 2,0 mg/cm ² ≥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	16 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: polyurethane/nitrile rubber resistant to +300 °C per contact (1 minute)	5.8.3 Tear strength	11,3 kN/m	≥ 8 kN/m
	5.8.4 Abrasion resistance	109 mm ³	≤ 150 mm ³
	5.8.5 Flexing resistance	0,9 mm	≤ 4,0 mm
	5.8.6 Hydrolysis	0,9mm	≤ 6,0 mm
	6.4.2 Oils resistance	4 %	≤ 12%
	6.2.10 Slip resistance on ceramic with glycerin		
	(tilted towards the heel of 7°)	0,27	≥ 0,19
	(tilted towards the tip of 7°)	0,25	≥ 0,22
	5.3.5.2 Slip resistance on ceramic with cleaning agent		
	(tilted towards the heel of 7°)	0,38	≥ 0,31
	(tilted towards the tip of 7°)	0,41	≥ 0,36
	6.2.2.2 Antistatic		
		dry: 839 MΩ wet: 155,43 MΩ	0,1 ÷ 1000 MΩ 0,1 ÷ 1000 MΩ

SIZES: 38-47

WEIGHT:

38	39	40	41	42	43	44	45	46	47
1443	1479	1515	1551	1587	1623	1659	1695	1731	1767