

M183E_25 S1 FO SR



DESCRIPTION	NORM EN ISO 20345:2022 + A1:2024	RESULT	REQUIREMENT
UPPER: Microfibre	5.4.3 Tear strength 5.4.6 Water vapor permeability Coefficient	93 N 1,8 mg/cm ² h 16,7 mg/cm ²	≥ 60 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	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 h) ≥20,0 mg/cm ²
QUARTER 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	33 N No holes No holes 21,2 mg/cm ² h 169,9 mg/cm 2	≥ 15 N 25.600 cycles 51.200 cycles ≥ 2,0 mg/(cm ² h) ≥20,0 mg/cm ²
COUNTER 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	33 N No holes No holes 21,5 mg/cm ² h 173,0 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: Steel	5.3.2.6 Impact resistance 5.3.2.7 Compression resistance	15,5 mm 20,5 mm	≥ 14 mm ≥ 14 mm

exena.

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 Antislip sole SR

5.8.3 Tear strength

6,7 kN/m

≥ 5 kN/m

5.8.4 Abrasion resistance

188 mm³

≤ 250 mm³

5.8.5 Flexing resistance

2,4 mm

≤ 4,0 mm

5.8.6 Hydrolysis

3,2 mm

≤ 6,0 mm

6.4.2 Oils resistance

6 %

≤ 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°)

0,25

≥ 0,22

5.3.5.2 Slip resistance on ceramic with
cleaning agent

(tilted towards the heel of 7°)

0,35

≥ 0,31

(tilted towards the tip of 7°)

0,39

≥ 0,36

6.2.2.2 Antistatic

Dry: 112,5 MΩ

0,1 ÷ 1000 MΩ

Wet: 90,21 MΩ

0,1 ÷ 1000 MΩ

SIZES: 36-48

WEIGHT: (g)

36	37	38	39	40	41	42	43	44	45	46	47	48
629	685	741	797	853	909	965	1021	1077	1133	1189	1245	1301