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NATRIX S3 S FO SR ESD



DESCRIPTION	NORM EN ISO 20345:2022	RESULT	REQUIREMENT
UPPER: Black microfiber with abrasion resistant film Thickness 1.8mm-2 mm	5.4.3 Tear strength 5.4.6 Water vapor permeability Coefficient	92.2 N 6.5 mg/cm ² h 61 mg/cm ²	≥60 N ≥ 0,8 mg/cm ² h ≥ 15,0 mg/cm ²
VAMP LINING: Green Breathable, abrasion resistance mesh	5.5.1 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 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
COUNTER LINING: Grey microfiber	5.5.1 Tear strength 5.5.2 Abrasion resistance(Wet) Abrasion resistance(Dry)	21.6 N No holes No holes	≥ 15 N 51.200 cycles 25.600 cycles
SAFETY TOE CAP: Fiber glass 200 j	5.3.2.3 Impact resistance 5.3.2.4 Compression resistance	19.5 mm 24 mm	≥ 14 mm ≥ 14 mm

EXENA SRL
via Breda 20
62012 Civitanova M. MC
ITALY

REA MC144207
Reg. Impr. Trib. MC 01336080435
C.F. e P. IVA 01336080435
Cap. Soc. € 25.823,00 i.v.

+39 0733 89 72 56
info@exena.com
amministrazione@pec.exena.it

exena.com

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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
OUTSOLE: PU 2D, Antislip SRC	5.8.2 Tear strength 5.8.3 Abrasion resistance 5.8.4 Flexing resistance 5.8.5 Hydrolysis 5.13 Antistatic 6.4.2 Oils resistance 5.14 Slip resistance Sodium lauryl sulphate Forward heel slip Backward forepart slip Glycerine Forward heel slip Backward forepart slip	10.8 kN/m 47.1 mm ³ 0.2 mm 0.3 mm dry: $45.7 \times 10^7 \Omega$ wet: $4.82 \times 10^7 \Omega$ 10.0 % 0.41 0,43 0,20 0,17	≥ 8 kN/m ≤ 150 mm ³ $\leq 4,0$ mm $\leq 6,0$ mm pass pass $\leq 12\%$ $\geq 0,31$ $\geq 0,36$ $\geq 0,19$ $\geq 0,22$

SIZES: 36-48

WEIGHT: 1.2 kg (1 pa 42)