



U GROUP SRL
Via Borgomanero n° 1
28040 Paruzzaro (NO)

LEGAL DATA:
C.F. e Reg.Imp.Novara: 02041920030
CCIAA Novara REA: 211799
P.IVA: IT02041920030
Codice Export: No015724
Cap.Soc.: 119.000 Iv

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REV. 11/11/2024

DATA SHEET

PRODUCT PICTURE



TECHNOLOGIES



DESCRIPTION

TECHNICAL SPECIFICATIONS

EN ISO STANDARD

VALUE

Safety shoes low totally "metal free", comfortable and light, with Airnet upper in soft suede leather, inserts in breathable mesh, tip AirToe Composite, antiperforation, anti-slip and PU / PU sole.

SAFETY TOE CAP "AirToe Composite"

Impact resistance. Free heights after collision mm
Compressive strength. Free heights after compr. mm

≥ 14
≥ 14

20345:2022

RESULT

19,5
23,5

INSOLE "Save & Flex PLUS"

Puncture resistance N

≥ 1100

Compliant

ELECTRICAL RESISTANCE CATEGORY

< 10⁹ Ω

N.A.

UPPER DYNAMIC WATERPROOFING AFTER 60'

Water absorption after 60'
Water transmitted after 60'
Permeability to water vapor mg/(cm² h)
Permeability coefficient mg/cm²

≤ 30%
≤ 0,2 gr
≥ 0,8
≥ 15

N.A.
N.A.
8,2
69,8

VAMP LINING

Permeability to water vapor mg/(cm² h)
Permeability coefficient mg/cm²
Resistance to abrasion - DRY cycles
Resistance to abrasion - WET cycles

≥ 2
≥ 20
25.600 cycles
12.800 cycles

24,7
197,9
Compliant
Compliant

INSOLE

Abrasion resistance

≥ 400 cycles

No damage

SOLE WEAR

Abrasion resistance (volume loss) mm³
Bending resistance mm
Resistance to sole / midsole detachment N/mm
Hydrocarbons resistance (% volume variation)
Heel energy absorption J

≤ 150
≤ 4
≥ 3
≤ 12
≥ 20

34
1,4
3,4
3,5
36

SLIP RESISTANCE

Slip resistance on ceramic with NaLS (forward heel 7°)
Slip resistance on ceramic with NaLS (backward forepart 7°)
SR-Slip resistance on ceramic with glycerin (forward heel 7°)
SR-Slip resistance on ceramic with glycerin (backward forepart 7°)

≥ 0,31
≥ 0,36
≥ 0,19
≥ 0,22

0,45
0,42
0,40
0,32