



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

LEGAL DATA:
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REV. 27/05/2024

DATA SHEET

PRODUCT PICTURE

RANGES

TECHNOLOGIES

SO40053 NORDIC PLUS S3 SRC CI
Natural Confort 11 Mondopoint
AirToe Composite
SHOE TYPE "C"
SIZE RANGE 38-47
Size tested: 42 - WEIGHT Kg 1,493



STEP ONE



DESCRIPTION

TECHNICAL SPECIFICATIONS

EN ISO STANDARD

VALUE

Boots safety shoes, for environments at high risk of U-Power of the U-Special-Step One range, with upper in soft water-repellent greased pull-up leather, composite toe cap, sheet in ergonomic steel, anti-puncture, anti-slip and PU/PU sole, S3 CI SRC

SAFETY TOE CAP "AirToe Composite"

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

≥ 14
≥ 14

19,0
20,0

INSOLE "Classic steel midsole"

Puncture resistance N

≥ 1100

Compliant

ELECTRICAL RESISTANCE CATEGORY

Environmental class 1 - 12% humidity
Environmental class 2 - 25% humidity
Environmental class 3 - 50% humidity

10⁵ Ω e 10⁹ Ω (0,1 MΩ a 100 MΩ)
10⁵ Ω e 10⁹ Ω (0,1 MΩ a 100 MΩ)
10⁵ Ω e 10⁹ Ω (0,1 MΩ a 100 MΩ)

< 10⁹ Ohm
< 10⁹ Ohm
< 10⁹ Ohm

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

2,9
29,7
2,9
29,7

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
25600 cycles
12800 cycles

11,4
91,4
No hole
No hole

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
Adherence coef. with EN 13207 SRB method
Adherence coef. with EN 13207 SRA method

≤ 150
≤ 4
≥ 3
≤ 12
≥ 20
≥ 0.18
≥ 0.32

57
0
6,6
3,1
42
0,21
0,49