



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

LEGAL DATA:
C.F e Reg.Imp.Novara: 02041920030
CCIAA Novara REA: 211799
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CONTACTS:
WEBSITE: www.u-power.it/en
EMAIL: info@u-power.it
TEL: +39 0322 53 94 01
FAX: +39 0322 23 00 01

REV. 11/11/2024

DATA SHEET

PRODUCT PICTURE

RANGES

TECHNOLOGIES

SO20485 APRIL S1P FO SR
Natural Confort 11 Mondopoint
AirToe Composite
SHOE TYPE "A"
SIZE RANGE 38-47 (UK: 5-12)
Size tested: 42 - WEIGHT Kg 1,18



STEP ONE



DESCRIPTION

TECHNICAL SPECIFICATIONS

EN ISO STANDARD

VALUE

Low safety shoes, U-Power, comfortable and breathable of the Step One range, with perforated soft suede leather, composite toe cap, anti-puncture, anti-slip, ergonomic steel foil 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

20,5
19,0

INSOLE "Classic steel midsole"

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.
8,8
76,8

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
35

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