



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

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CONTACTS:
WEBSITE: www.u-power.it/it
EMAIL: info@u-power.it
TEL: +39 0322 53 94 01
FAX: +39 0322 23 00 01

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DATA SHEET

PRODUCT PICTURE

RANGES

TECHNOLOGIES

RI10026 ALICANTE RS S1P SRC ESD
Natural Confort 11
AirToe Composite
SHOE TYPE "B"
SIZE RANGE 35-47 (UK: 2-12)
Size tested: 42 - WEIGHT Kg 1,205



DESCRIPTION

TECHNICAL SPECIFICATIONS

EN ISO STANDARD

VALUE

High-cut safety shoes with quick-release fasteners with upper in soft **perforated suede** and mesh inserts.

Comfort is guaranteed by the **WOW2 insole** and the WingTex **lining with air channels**. The insole, composed of a self-modelling arched insole structure and an **anti-fatigue insert**, is able to absorb stress and evenly distribute body weight, guaranteeing **long-lasting comfort throughout the day**.

Men's work shoes also ideal for women in standard protection **RS S1P SRC ESD** with **anti-slip, oil-resistant, abrasion-resistant** and **anti-static PU/PU sole**.

Safety footwear with AirToe **composite toe cap** and **fabric anti-perforation** system for protection of the toe and 100% of the sole of the foot.

Comfortable and lightweight safety shoes suitable for: **craftsmen, carpenters, electricians, plumbers, painters, gas station operators, workers, builders, transport** and **logistics, gardeners** and **farmers, mechanics** and **tyre repairers**.

SAFETY TOE CAP "AirToe Composite"

Impact resistance. Free heights after collision mm ≥ 14
Compressive strength. Free heights after compr. mm ≥ 14

INSOLE "Save & Flex® PLUS"

Puncture resistance N ≥ 1100

ELECTRICAL RESISTANCE CATEGORY

Environmental class 1 - 12% humidity $10^5 \Omega$ e $10^9 \Omega$ (0,1 M Ω a 100 M Ω) $< 10^8$ Ohm
Environmental class 2 - 25% humidity $10^5 \Omega$ e $10^9 \Omega$ (0,1 M Ω a 100 M Ω) $< 10^8$ Ohm
Environmental class 3 - 50% humidity $10^5 \Omega$ e $10^9 \Omega$ (0,1 M Ω a 100 M Ω) $< 10^8$ Ohm

UPPER DYNAMIC WATERPROOFING AFTER 60'

Water absorption after 60' $\leq 30\%$ N.A.
Water transmitted after 60' ≤ 0.2 gr N.A.
Permeability to water vapor mg/(cm² h) ≥ 0.8 10,6
Permeability coefficient mg/cm² ≥ 15 92,7

VAMP LINING

Permeability to water vapor mg/(cm² h) ≥ 2 55,7
Permeability coefficient mg/cm² ≥ 20 445,8
Resistance to abrasion - DRY cycles 25600 cycles No hole
Resistance to abrasion - WET cycles 12800 cycles No hole

INSOLE

Abrasion resistance ≥ 400 cycles No damage

SOLE WEAR

Abrasion resistance (volume loss) mm³ ≤ 150 47
Bending resistance mm ≤ 4 3,2
Resistance to sole / midsole detachment N/mm ≥ 3 5,1
Hydrocarbons resistance (% volume variation) ≤ 12 2,9
Heel energy absorption J ≥ 20 39,0
Adherence coef. with EN 13207 SRB method ≥ 0.18 0,44
Adherence coef. with EN 13207 SRA method ≥ 0.32 0,45

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RESULT