



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

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DATA SHEET

PRODUCT PICTURE

RANGES

TECHNOLOGIES

RI20414 MONACO S3 SRC CI ESD
Natural Comfort 11
AirToe Composite
SHOE TYPE "A"
SIZE RANGE 35-48
Size tested: 42 - WEIGHT Kg 1,3178



DESCRIPTION

TECHNICAL SPECIFICATIONS

EN ISO STANDARD

VALUE

Low-cut safety shoes with **BOA® Fit System** which delivers micro-adjustable, precision fit engineered to perform in the toughest conditions.

Upper in PUTEK STAR® which is **water repellent, breathable and highly resistant to abrasion**. The **ultra-breathable Wingtex® lining** with breathable air tunnel guarantees the perfect microclimate, whilst the **WOW2 self-modelling insole** ensures extended comfort and well-being thanks to the **anti-fatigue insert**, which alleviates the stress resulting from prolonged periods on your feet, and thanks to its ability to evenly distribute body weight across the entire surface of the foot.

Anti-static, anti-slip, oil resistant and abrasion resistant sole.

Monaco is a **safety shoe** which meets the requirements of protection class **S3 CI SRC ESD** and which provides **special protection against the cold built in the sole** guaranteeing a temperature inside the shoe which is higher than the external temperature for even greater well-being and an ideal microclimate for the foot.

Protection is guaranteed by the ultra-light **AirToe Composite toe cap** and by the **Save&Flex Plus® anti-puncture system**, stitched directly onto the upper to provide 100% protection of the foot.

Safety shoes suitable for various work sectors and, in particular, for: **warehouse workers, transport and logistics workers, mechanics, tyre repairers, painters, electricians, workers and assembly line operators, gas station operators, carpenters, craftsmen and women, builders, joiners, plumbers.**

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)

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

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

UPPER DYNAMIC WATERPROOFING AFTER 60'

Water absorption after 60' $\leq 30\%$

Water transmitted after 60' ≤ 0.2 gr

Permeability to water vapor mg/(cm² h) ≥ 0.8

Permeability coefficient mg/cm² ≥ 15

VAMP LINING

Permeability to water vapor mg/(cm² h) ≥ 2

Permeability coefficient mg/cm² ≥ 20

Resistance to abrasion - DRY cycles 25600 cycles

Resistance to abrasion - WET cycles 12800 cycles

INSOLE

Abrasion resistance ≥ 400 cycles

SOLE WEAR

Abrasion resistance (volume loss) mm³ ≤ 150

Bending resistance mm ≤ 4

Resistance to sole / midsole detachment N/mm ≥ 3

Hydrocarbons resistance (% volume variation) ≤ 12

Heel energy absorption J ≥ 20

Adherence coef. with EN 13207 SRB method ≥ 0.18

Adherence coef. with EN 13207 SRA method ≥ 0.32

20345:2011

RESULT

16

14.5

Compliant

< 10⁸ Ohm

< 10⁸ Ohm

< 10⁸ Ohm

3,0

0

20,2

163,1

55,7

445,8

No hole

No hole

No damage

47

3,2

4,1

2,9

45

0,44

0,45