



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

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REV. 27/05/2024

DATA SHEET

PRODUCT PICTURE

RANGES

TECHNOLOGIES

RV20014 MATT S3 SRC CI ESD
Natural Confort 11 Mondopoint
AirToe Aluminium
SHOE TYPE "A"
SIZE RANGE 35-48
Size tested: 42 - WEIGHT Kg 1,16



DESCRIPTION

Lightweight safety shoes with **AirToe Aluminium toecap** and **sole** made with an **ultra light** innovative new generation PU compound that significantly reduces the weight of the shoe.

The lightness of this **safety shoe** allows for greater freedom of movement, greater energy and better performance.

Safety shoes for **women** and **men**, with upper in PUTEK® star **highly resistant to abrasion, water repellent** and **breathable**. Toe protection with **abrasion-resistant scuff cap**.

Breathable shoes with **no-slip, anti-static, oil-resistant** and **abrasion-resistant sole** with **innovative ultralight puncture-resistant textile insole**, ideal for: **craftsmen, electricians, carpenters, warehouse workers**, and the **logistics and transport sectors**.

Comfort and well-being guaranteed by the **Wingtex** breathable air tunnel **lining** and the **U-Power Original** insole in light polyurethane compound soft polyurethane, **anatomical, breathable** and **antibacterial**.

Safety shoes which offer special protection of the sole from the cold.

TECHNICAL SPECIFICATIONS

SAFETY TOE CAP "AirToe Aluminium"

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

INSOLE "Save & Flex Air"

Puncture resistance N

ELECTRICAL RESISTANCE CATEGORY

Environmental class 1 - 12% humidity

Environmental class 2 - 25% humidity

Environmental class 3 - 50% humidity

UPPER DYNAMIC WATERPROOFING AFTER 60'

Water absorption after 60'

Water transmitted after 60'

Permeability to water vapor mg/(cm² h)

Permeability coefficient mg/cm²

VAMP LINING

Permeability to water vapor mg/(cm² h)

Permeability coefficient mg/cm²

Resistance to abrasion - DRY cycles

Resistance to abrasion - WET cycles

INSOLE

Abrasion resistance

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

EN ISO STANDARD

20345:2011

≥ 14

≥ 14

≥ 1100

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)

≤ 30%

≤ 0.2 gr

≥ 0.8

≥ 15

≥ 2

≥ 20

25600 cycles

12800 cycles

≥ 400 cycles

≤ 150

≤ 4

≥ 3

≤ 12

≥ 20

≥ 0.18

≥ 0.32

VALUE

RESULT

19,0

19,5

Compliant

< 10⁸ Ohm

< 10⁸ Ohm

< 10⁸ Ohm

8.0

0

10.2

82.9

55.7

445.8

No hole

No hole

No damage

37

0,8

N.A.

2,1

26

0,28

0,38