

U GROUP SRL

Via Borgomanero nº 1 28040 Paruzzaro (NO)

LEGAL DATA:

Cap.Soc.:

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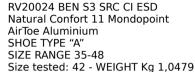
REV. 27/05/2024

DATA SHEET

PRODUCT PICTURE

RANGES

TECHNOLOGIES



















≥ 14

> 14

≥ 1100





DESCRIPTION

S3 SRC CI ESD protection class water-repellent safety shoes with soft nubuck-effect microfibre.

These low-cut safety shoes, with a lightweight AirToe **Aluminium toecap**, feature a new generation ultra-light PU compound sole that is abrasion-resistant, oil-resistant, nonslip and anti-static.

The brand new perforation-resistant system, consisting of a puncture-resistant textile insole, makes this style of safety shoes lighter than traditional models. In fact, the use of highly innovative materials for the construction of the sole and the perforation-resistant system, together with the aluminium toecap have allowed a considerable reduction in the overall weight of work footwear to the benefit of worker's wellness and performance.

Safety shoes with special protection of the sole from the cold, ideal for: electricians, carpenters, craftsmen, warehouse workers, and the transport and logistics sectors.

Foot comfort and health guaranteed by the **U-Power Original insole** in lightweight, **comfortable** and **breathable** polyurethane compound, and the **air tunnel lining** that ensures air circulation.

Safety shoes suitable for men and women.

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

VALUE

RESULT

19.0 19.5

Compliant

 $< 10^{8} \, \text{Ohm}$

 $10^5 \Omega$ e $10^9 \Omega$ (0.1 MΩ a 100 MΩ) $< 10^{8} \, \text{Ohm}$

 $10^5 \,\Omega$ e $10^9 \,\Omega$ (0.1 MΩ a 100 MΩ)

 $10^5 \,\mathrm{O} \,\mathrm{e} \,10^9 \,\mathrm{O} \,(0.1 \,\mathrm{MO} \,\mathrm{a} \,100 \,\mathrm{MO})$ $< 10^{8} \, \text{Ohm}$

≤ 30% 15.7

0 ≤ 0.2 gr

≥ 0.8 1.5

≥ 15 15.1

≥ 2 96.3

≥ 20 770.5 25600 cycles No hole

12800 cycles No hole

No damage

≥ 400 cycles

37 ≤ 150 ≤ 4 0,8

≥ 3 N.A. ≤ 12 2.1

≥ 20 26

 ≥ 0.18 0.28 ≥ 0.32 0.38