



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

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REV. 27/05/2024

DATA SHEET

PRODUCT PICTURE

RANGES

TECHNOLOGIES

RI20154 NERO S3 SRC CI ESD
Natural Confort 11
AirToe Composite
SHOE TYPE "A"
SIZE RANGE 35-48
Size tested: 42 - WEIGHT Kg 1,165



DESCRIPTION

TECHNICAL SPECIFICATIONS

EN ISO STANDARD

VALUE

Black water repellent safety shoes with upper in soft tumbled leather that ensures **special protection of the sole from the cold** (at temp. ≤ 10 °C.). **Anti-slip, abrasion-resistant, oil-resistant** and **anti-static work shoes** in standard protection **S3 SRC CI ESD**.

Safety footwear suitable for professionals in the **transport** and **logistics, gardening** and **agriculture** sectors, for **mechanics, tyre repairers, process workers, electricians, plumbers, carpenters, painters, craftsmen** and **gas station operators**.

Safety shoes for men and women with **Airtoe composite toe cap** and **Save & Flex Plus anti-perforation** system for a **100% guarantee of protection** of the front and sole of the foot.

Comfortable and lightweight work shoes equipped with an **anti-fatigue insert** and **WOW2 self-modelling insole** for greater comfort and a perception of **long-lasting well-being**.

Air tunnel inner lining for **high breathability** and **foot health**.

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'	$\leq 30\%$	1,2
Water transmitted after 60'	≤ 0.2 gr	0
Permeability to water vapor mg/(cm ² h)	≥ 0.8	1,3
Permeability coefficient mg/cm ²	≥ 15	17,9

VAMP LINING

Permeability to water vapor mg/(cm ² h)	≥ 2	55,7
Permeability coefficient mg/cm ²	≥ 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
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SOLE WEAR

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

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RESULT