

#### **U GROUP SRL**

Via Borgomanero nº 1 28040 Paruzzaro (NO)

#### **LEGAL DATA:**

C.F e Reg.Imp.Novara:02041920030 CCIAA Novara REA: 211799 IT02041920030 P.IVA:

Codice Export: No015724 119.000 lv Cap.Soc.:

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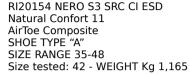
REV. 27/05/2024

**DATA SHEET** 

# **PRODUCT PICTURE**

# **RANGES**

# **TECHNOLOGIES**



















≥ 14







**VALUE** 

**RESULT** 

# **DESCRIPTION**

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, oilresistant 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% quarantee 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.

# **TECHNICAL SPECIFICATIONS**

## **SAFETY TOE CAP "AirToe Composite"**

Impact resistance. Free heights after collision mm Compressive strength. Free heights after compr. mm **INSOLE "Save & Flex® PLUS"** 

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 transmitted after 60' Permeability to water vapor mg/(cm<sup>2</sup> h)

**VAMP LINING** 

Permeability coefficient mg/cm<sup>2</sup> Resistance to abrasion - DRY cycles Resistance to abrasion - WET cycles

#### INSOLE

Abrasion resistance

#### **SOLE WEAR**

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 16.0 14.5

≥ 14

### ≥ 1100 Compliant

 $10^5 Ω e 10^9 Ω (0,1 ΜΩ a 100 ΜΩ)$  $< 10^{8} \, \text{Ohm}$ < 10<sup>8</sup> Ohm  $10^5 \Omega = 10^9 \Omega (0.1 M\Omega = 100 M\Omega)$  $10^5 \Omega = 10^9 \Omega (0.1 M\Omega = 100 M\Omega)$  $< 10^{8} \, \text{Ohm}$ 

#### Water absorption after 60' < 30% 1,2

≤ 0.2 gr 0 ≥ 0.8 1.3 Permeability coefficient mg/cm<sup>2</sup> ≥ 15 17.9

Permeability to water vapor mg/(cm<sup>2</sup> h) ≥ 2 55.7 ≥ 20 445.8 25600 cycles No hole No hole 12800 cycles

#### ≥ 400 cycles No damage

Abrasion resistance (volume loss) mm<sup>3</sup> ≤ 150 47 < 4 3,2 5.5 ≥ 3 ≤ 12 2.9 39 ≥ 20 > 0.180.45 ≥ 0.32 0.44