



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

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**REV. 27/05/2024**

**DATA SHEET**

**PRODUCT PICTURE**

**RANGES**

**TECHNOLOGIES**

RI11014 HELSINKI UK S3 SRC CI ESD  
Natural Confort 11  
AirToe Composite  
SHOE TYPE "B"  
SIZE RANGE 35-48  
Size tested: 42 - WEIGHT Kg 1,42



**DESCRIPTION**

**TECHNICAL SPECIFICATIONS**

**EN ISO STANDARD**

**VALUE**

**High-cut and robust work shoes** with upper in **water repellent**, soft and resistant pull-up leather.

**Safety shoes** in standard protection **S3 SRC CI ESD** with Airtoe **composite toe cap** and Save & Flex Plus fabric **anti-perforation system**, sewn directly onto the upper to guarantee **100% protection** over the entire surface of the foot.

The **highly breathable** air tunnel inner **lining** guarantees foot health and well-being. Comfort is increased by the **WOW2 insole** which, thanks to its self-modelling arched insole structure with **anti-fatigue insert**, allows for a reduction in body stress and better stability and balance, guaranteeing **greater safety** and a feeling of **long-lasting well-being**.

**Men's safety shoes**, also ideal for women, suitable for use in **damp and cold environments** such as **farmers** and **gardeners** but also for **craftsmen, electricians, plumbers, carpenters, painters, gas station operators, workers, construction sites** and **builders, mechanics** and **tyre repairers, transport** and **logistics**.

**Anti-slip work shoes** with **oil-resistant, anti-static, abrasion-resistant** PU/PU sole and special **protection from the cold** (at temp.  $\leq 10$  °C.).

**SAFETY TOE CAP "AirToe Composite"**

Impact resistance. Free heights after collision mm  $\geq 14$   
Compressive strength. Free heights after compr. mm  $\geq 14$

**INSOLE "Save & Flex® PLUS"**

Puncture resistance N  $\geq 1100$

**ELECTRICAL RESISTANCE CATEGORY**

Environmental class 1 - 12% humidity  $10^5 \Omega$  e  $10^9 \Omega$  (0,1 M $\Omega$  a 100 M $\Omega$ )  $< 10^8$  Ohm  
Environmental class 2 - 25% humidity  $10^5 \Omega$  e  $10^9 \Omega$  (0,1 M $\Omega$  a 100 M $\Omega$ )  $< 10^8$  Ohm  
Environmental class 3 - 50% humidity  $10^5 \Omega$  e  $10^9 \Omega$  (0,1 M $\Omega$  a 100 M $\Omega$ )  $< 10^8$  Ohm

**UPPER DYNAMIC WATERPROOFING AFTER 60'**

Water absorption after 60'  $\leq 30\%$  6.4  
Water transmitted after 60'  $\leq 0.2$  gr 0  
Permeability to water vapor mg/(cm<sup>2</sup> h)  $\geq 0.8$  2.9  
Permeability coefficient mg/cm<sup>2</sup>  $\geq 15$  29.7

**VAMP LINING**

Permeability to water vapor mg/(cm<sup>2</sup> h)  $\geq 2$  55.7  
Permeability coefficient mg/cm<sup>2</sup>  $\geq 20$  445.8  
Resistance to abrasion - DRY cycles 25600 cycles No hole  
Resistance to abrasion - WET cycles 12800 cycles No hole

**INSOLE**

Abrasion resistance  $\geq 400$  cycles No damage

**SOLE WEAR**

Abrasion resistance (volume loss) mm<sup>3</sup>  $\leq 150$  62  
Bending resistance mm  $\leq 4$  0  
Resistance to sole / midsole detachment N/mm  $\geq 3$  4.5  
Hydrocarbons resistance (% volume variation)  $\leq 12$  1.5  
Heel energy absorption J  $\geq 20$  36  
Adherence coef. with EN 13207 SRB method  $\geq 0.18$  0.28  
Adherence coef. with EN 13207 SRA method  $\geq 0.32$  0.43

**20345:2011**

**RESULT**