



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

**LEGAL DATA:**  
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**REV. 27/05/2024**

**DATA SHEET**

**PRODUCT PICTURE**

**RANGES**

**TECHNOLOGIES**

RI21226 SHANGHAI S1P SRC ESD  
Natural Confort 11  
AirToe Composite  
SHOE TYPE "A"  
SIZE RANGE 35-48 (UK: 2-13)  
Size tested: 42 - WEIGHT Kg 1,14



**DESCRIPTION**

**TECHNICAL SPECIFICATIONS**

**EN ISO STANDARD**

**VALUE**

**Work shoes with lightweight Airtoe Composite toe cap** and Save & Flex Plus fabric **anti-perforation system** that **ensure protection of the toe and sole of the foot. Standard protection** S1P SRC ESD.

**Low-cut safety shoes** with upper in ultra-breathable **nylon** and **highly abrasion-resistant Matrix microfibre**. WingTex **air tunnel** inner **lining** that guarantees **high breathability**.

**Comfortable and lightweight work shoes** with **WOW2 self-modelling insole** consisting of an arched insole structure and **anti-fatigue insert** capable of improving balance and stability, distributing body stress with a significant increase in **well-being**.

**Safety footwear** with **oil-resistant, anti-slip, anti-static** and **abrasion-resistant** soles, ideal for both **men** and **women**.

**Comfortable safety shoes** that are well suited to be used in various working environments such as: **farmers** and **gardeners**, **transport** and **logistics**, **construction sites** and **builders**, **craftsmen**, **carpenters**, **electricians**, **plumbers**, **painters**, **workers**, **gas station operators**, **mechanics** and **tyre repairers**.

**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'  $\leq 30\%$  N.A.  
Water transmitted after 60'  $\leq 0.2$  gr N.A.  
Permeability to water vapor mg/(cm<sup>2</sup> h)  $\geq 0.8$  1,4  
Permeability coefficient mg/cm<sup>2</sup>  $\geq 15$  15,0

**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>  $\leq 150$  47  
Bending resistance mm  $\leq 4$  3,2  
Resistance to sole / midsole detachment N/mm  $\geq 3$  5,1  
Hydrocarbons resistance (% volume variation)  $\leq 12$  2,9  
Heel energy absorption J  $\geq 20$  39,0  
Adherence coef. with EN 13207 SRB method  $\geq 0.18$  0,44  
Adherence coef. with EN 13207 SRA method  $\geq 0.32$  0,45

**20345:2011**

**RESULT**