



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

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**REV. 27/05/2024**

**DATA SHEET**

**PRODUCT PICTURE**

**RANGES**

**TECHNOLOGIES**

RI10164 SCURO S3 SRC CI ESD  
Natural Confort 11  
AirToe Composite  
SHOE TYPE "B"  
SIZE RANGE 35-48  
Size tested: 42 - WEIGHT Kg 1,265



**DESCRIPTION**

**TECHNICAL SPECIFICATIONS**

**EN ISO STANDARD**

**VALUE**

**Men's safety shoes**, also suitable for women, with **water repellent** upper in tumbled grain leather in standard protection **S3 CI SRC ESD**.

Safety is guaranteed by the **Save & Flex Plus anti-perforation insole** in fabric and sewn directly on the upper, the **Airtoe composite toe cap** and the **anti-slip, oil-resistant, anti-static** and **abrasion-resistant** PU/PU sole.

**High-cut work shoes** with a high level of comfort thanks to the **WingTex air tunnel lining** which ensures breathability to the shoe and the presence of the **WOW2 insole** made up of a self-modelling arched insole structure and an **anti-fatigue insert** with effects of greater balance, stability and perception of **long-lasting well-being** throughout the working day.

The special protection of the sole from the cold (at temp.  $\leq 10$  °C.) makes **Scuro** ideal as a **shoe style for farmers, gardener, process workers, electricians, plumbers, carpenters, painters, gas station operators, mechanics, tyre repairers, transport and logistics**.

**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'	$\leq 30\%$	2.7
Water transmitted after 60'	$\leq 0.2$ gr	0
Permeability to water vapor mg/(cm <sup>2</sup> h)	$\geq 0.8$	1.3
Permeability coefficient mg/cm <sup>2</sup>	$\geq 15$	17.9

**VAMP LINING**

Permeability to water vapor mg/(cm <sup>2</sup> h)	$\geq 2$	96.3
Permeability coefficient mg/cm <sup>2</sup>	$\geq 20$	770.5
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
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**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	$\geq 3$	5.5
Hydrocarbons resistance (% volume variation)	$\leq 12$	2.9
Heel energy absorption J	$\geq 20$	39
Adherence coef. with EN 13207 SRB method	$\geq 0.18$	0.45
Adherence coef. with EN 13207 SRA method	$\geq 0.32$	0.44

**20345:2011**

**RESULT**