

#### **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.:

### **CONTACTS:**

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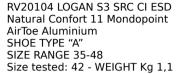
REV. 27/05/2024

## **DATA SHEET**

### **PRODUCT PICTURE**

## **RANGES**

## **TECHNOLOGIES**















**VALUE** 

RESULT

 $< 10^{8} Ohm$ 

No hole

0.38









### **DESCRIPTION**

Low and light safety shoes with innovative perforationresistant system consisting of an **ultralight puncture-resistant** textile insole and new generation PU compound sole.

These new highly innovative materials have allowed a considerable **reduction** in the overall **weight** of the **shoe** to the benefit of the well-being of the worker.

Super light S3 SRC CI ESD standard safety shoes with particular protection of the sole from the cold ( $\leq 10^{\circ}$ C).

High-sturdiness **PUTEK®** star upper and toe protection with abrasion-resistant scuff cap. Non-slip, oil-resistant, abrasion-resistant and anti-static sole.

**Super light safety shoes** suitable for wet and dry environments and, in particular for: electricians, craftsmen, carpenters, warehouse workers, and the logistics and transport sectors.

Highly breathable safety shoes with air tunnel lining that ensures the dispersion and absorption of moisture and the U-Power original insole in polyurethane compound.

## **TECHNICAL SPECIFICATIONS**

# **SAFETY TOE CAP "AirToe Aluminium"**

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

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**

Perm Perm Resistance to abrasion - DRY cycles Resistance to abrasion - WET cycles

#### INSOLE

Abrasion resistance

### SOLE

Bend Resis Hydr Heel

Adhe Adherence coef, with EN 13207 SRA method

# **EN ISO STANDARD**

# 203/15:2011

20343.2011			
≥ 14		19,0	
≥ 14		19,5	

 $10^5 \Omega = 10^9 \Omega (0.1 MΩ = 100 MΩ)$ 

### ≥ 1100 Compliant

$10^5\Omega$ e $10^9\Omega$ (0,1 MΩ a 100 MΩ)	$< 10^8$ Ohm
$10^5~\Omega$ e $10^9~\Omega$ (0,1 M $\Omega$ a 100 M $\Omega$ )	$< 10^8  \mathrm{Ohm}$

#### ≤ 30% 8.0 Water absorption after 60' 0 ≤ 0.2 gr ≥ 0.8 10.2

#### Permeability coefficient mg/cm<sup>2</sup> 82.9 ≥ 15

neability to water vapor mg/(cm <sup>2</sup> h)	≥ 2	96.3
neability coefficient mg/cm <sup>2</sup>	≥ 20	770.5
stance to abrasion - DRY cycles	25600 cycles	No hole

#### ~ 400 system No damage

12800 cycles

≥ 0.32

ISION resistance	≥ 400 cycles	No damage
E WEAR		

Abrasion resistance (volume loss) mm <sup>3</sup>	≤ 150	37
Bending resistance mm	≤ 4	0,8
Resistance to sole / midsole detachment N/mm	≥ 3	N.A.
Hydrocarbons resistance (% volume variation)	< 12	21

nocarbons resistance (70 volume variation)	S 12	2,1
el energy absorption J	≥ 20	26
nerence coef. with EN 13207 SRB method	≥ 0.18	0,28