



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

**LEGAL DATA:**  
C.F e Reg.Imp.Novara:02041920030  
CCIAA Novara REA: 211799  
P.IVA: IT02041920030  
Codice Export: No015724  
Cap.Soc.: 119.000 Iv

**CONTACTS:**  
WEBSITE: [www.u-power.it/it](http://www.u-power.it/it)  
EMAIL: [info@u-power.it](mailto:info@u-power.it)  
TEL: +39 0322 53 94 01  
FAX: +39 0322 23 00 01

**REV. 27/05/2024**

## DATA SHEET

## PRODUCT PICTURE

## RANGES

## TECHNOLOGIES

RV20024 BEN S3 SRC CI ESD  
Natural Confort 11 Mondopoint  
AirToe Aluminium  
SHOE TYPE "A"  
SIZE RANGE 35-48  
Size tested: 42 - WEIGHT Kg 1,0479



## DESCRIPTION

## TECHNICAL SPECIFICATIONS

## EN ISO STANDARD

## VALUE

**20345:2011**

**RESULT**

**Water-repellent safety shoes** with soft nubuck-effect microfibre.

These **low-cut safety shoes**, with a lightweight **AirToe Aluminium toecap**, feature a new generation ultra-light PU compound sole that is **abrasion-resistant, oil-resistant, non-slip** and **anti-static**.

The brand new perforation-resistant system, consisting of a **puncture-resistant textile insole**, makes this style of **safety shoes lighter than traditional models**. In fact, the use of highly innovative materials for the construction of the sole and the perforation-resistant system, together with the **aluminium toecap** have allowed a **considerable reduction in the overall weight of work footwear** to the benefit of worker's wellness and performance.

**Safety shoes** with special protection of the sole from the cold, ideal for: **electricians, carpenters, craftsmen, warehouse workers**, and the **transport and logistics sectors**.

Foot comfort and health guaranteed by the **U-Power Original insole** in lightweight, **comfortable** and **breathable** polyurethane compound, and the **air tunnel lining** that ensures air circulation.

**Safety shoes** suitable for **men and women**.

### 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 absorption after 60'

Water transmitted after 60'

Permeability to water vapor mg/(cm<sup>2</sup> h)

Permeability coefficient mg/cm<sup>2</sup>

### VAMP LINING

Permeability to water vapor mg/(cm<sup>2</sup> h)

Permeability coefficient mg/cm<sup>2</sup>

Resistance to abrasion - DRY cycles

Resistance to abrasion - WET cycles

### INSOLE

Abrasion resistance

### SOLE WEAR

Abrasion resistance (volume loss) mm<sup>3</sup>

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

≥ 14

≥ 14

≥ 1100

10<sup>5</sup> Ω e 10<sup>9</sup> Ω (0,1 MΩ a 100 MΩ)

10<sup>5</sup> Ω e 10<sup>9</sup> Ω (0,1 MΩ a 100 MΩ)

10<sup>5</sup> Ω e 10<sup>9</sup> Ω (0,1 MΩ a 100 MΩ)

≤ 30%

≤ 0.2 gr

≥ 0.8

≥ 15

≥ 2

≥ 20

25600 cycles

12800 cycles

≥ 400 cycles

≤ 150

≤ 4

≥ 3

≤ 12

≥ 20

≥ 0.18

≥ 0.32

19,0

19,5

Compliant

< 10<sup>8</sup> Ohm

< 10<sup>8</sup> Ohm

< 10<sup>8</sup> Ohm

15.7

0

1.5

15.1

96.3

770.5

No hole

No hole

No damage

37

0,8

N.A.

2,1

26

0,28

0,38