



U GROUP SRL
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REV. 27/05/2024

DATA SHEET

PRODUCT PICTURE

RANGES

TECHNOLOGIES

RV20144 BRADLEY S1P SRC ESD
Natural Confort 11 Mondopoint
AirToe Aluminium
SHOE TYPE "A"
SIZE RANGE 35-48
Size tested: 42 - WEIGHT Kg 1,3



DESCRIPTION

TECHNICAL SPECIFICATIONS

EN ISO STANDARD

VALUE

The **Bradley** model, in **S1P SRC ESD** protection class, with **breathable Nylon upper** and **anti-abrasion film on the toe cap**, is a **super light summer work footwear**.

The **innovative sole** made with an extra light new generation PU compound, and the **new anti-puncture system** significantly reduce the overall weight of these **lightweight safety shoes**, while ensuring maximum grip and protection of the sole of the foot.

The **AirToe Aluminium** toe cap in turn contributes to the lightness of the shoe, making the Red Leve line **the lightest safety shoes** in the U-Power range.

Men's and women's work shoes with **non-slip, abrasion-proof, anti-oil** and **antistatic** outsole ideal **for warehouse workers, transport and logistics personnel, carpenters, electricians** and **craftsmen** in general.

And, of course, comfort and long lasting well-being are guaranteed by the **WingTex air tunnel lining** and the **antibacterial** and breathable **U-Power Original insole** in light polyurethane compound.

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/(cm² h)
Permeability coefficient mg/cm²

VAMP LINING

Permeability to water vapor mg/(cm² h)
Permeability coefficient mg/cm²
Resistance to abrasion - DRY cycles
Resistance to abrasion - WET cycles

INSOLE

Abrasion resistance

SOLE WEAR

Abrasion resistance (volume loss) mm³
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

| | 20345:2011 | RESULT |
|--|---|-----------------------|
| Impact resistance. Free heights after collision mm | ≥ 14 | 19,0 |
| Compressive strength. Free heights after compr. mm | ≥ 14 | 19,5 |
| Puncture resistance N | ≥ 1100 | Compliant |
| Environmental class 1 - 12% humidity | 10 ⁵ Ω e 10 ⁹ Ω (0,1 MΩ a 100 MΩ) | < 10 ⁸ Ohm |
| Environmental class 2 - 25% humidity | 10 ⁵ Ω e 10 ⁹ Ω (0,1 MΩ a 100 MΩ) | < 10 ⁸ Ohm |
| Environmental class 3 - 50% humidity | 10 ⁵ Ω e 10 ⁹ Ω (0,1 MΩ a 100 MΩ) | < 10 ⁸ Ohm |
| Water absorption after 60' | ≤ 30% | N.A. |
| Water transmitted after 60' | ≤ 0.2 gr | N.A. |
| Permeability to water vapor mg/(cm ² h) | ≥ 0.8 | 10.2 |
| Permeability coefficient mg/cm ² | ≥ 15 | 82.9 |
| Permeability to water vapor mg/(cm ² h) | ≥ 2 | 96.3 |
| Permeability coefficient mg/cm ² | ≥ 20 | 770.5 |
| Resistance to abrasion - DRY cycles | 25600 cycles | No hole |
| Resistance to abrasion - WET cycles | 12800 cycles | No hole |
| Abrasion resistance | ≥ 400 cycles | No damage |
| Abrasion resistance (volume loss) mm ³ | ≤ 150 | 37 |
| Bending resistance mm | ≤ 4 | 0,8 |
| Resistance to sole / midsole detachment N/mm | ≥ 3 | N.A. |
| Hydrocarbons resistance (% volume variation) | ≤ 12 | 2,1 |
| Heel energy absorption J | ≥ 20 | 26 |
| Adherence coef. with EN 13207 SRB method | ≥ 0.18 | 0,28 |
| Adherence coef. with EN 13207 SRA method | ≥ 0.32 | 0,38 |