



**U GROUP SRL**  
Via Borgomanero n°50  
28040 Paruzzaro (NO)

**LEGAL DATA:**  
C.F e Reg.Imp.Novara:02041920030  
CCIAA Novara REA: 211799  
P.IVA: IT02041920030  
Codice Export: No015724  
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**REV. 24/10/2022**

**DATA SHEET**

**PRODUCT PICTURE**

**RANGES**

**TECHNOLOGIES**

RL20013 CARBON S3 SRC CI ESD  
Natural Confort 11 Mondopoint  
AirToe Aluminium  
SHOE TYPE "A"  
SIZE RANGE 35-48 (UK: 2-13)  
Size tested: 42 - WEIGHT Kg 1,181



**DESCRIPTION**

**TECHNICAL SPECIFICATIONS**

**EN ISO STANDARD**

**VALUE**

Safety shoes low, light and comfortable U-Power of the Red Lion range, with upper in natural nubuck leather, aluminum toecap, ultra-breathable, water-repellent, anti-puncture, anti-slip and PU / PU infinergy, S3 SRC CI ESD sole

**SAFETY TOE CAP "AirToe Aluminium"**

Impact resistance. Free heights after collision mm  
Compressive strength. Free heights after compr. mm

**INSOLE "Save & Flex PLUS® , pierce resistant "non metal" "**

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

**20345:2011**

**RESULT**

≥ 14	17,5
≥ 14	17,0
≥ 1100	Compliant
10 <sup>5</sup> Ω e 10 <sup>9</sup> Ω (0,1 MΩ a 100 MΩ)	< 10 <sup>8</sup> Ohm
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≤ 30%	4,5
≤ 0.2 gr	0,0
≥ 0.8	6,9
≥ 15	70,5
≥ 2	23,7
≥ 20	189,7
25600 cycles	No hole
12800 cycles	No hole
≥ 400 cycles	No damage
≤ 150	77
≤ 4	3,2
≥ 3	3,4
≤ 12	11,6
≥ 20	36
≥ 0.18	0,33
≥ 0.32	0,41