



**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

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**REV. 27/05/2024**

**DATA SHEET**

**PRODUCT PICTURE**

**RANGES**

**TECHNOLOGIES**

SO10213 BULLS S3 HRO HI SRC  
Natural Confort 11 Mondopoint  
AirToe Composite  
SHOE TYPE "B"  
SIZE RANGE 38-47 (UK: 5-12)  
Size tested: 42 - WEIGHT Kg 1,392



**U-SPECIAL**



**STEP ONE**



**DESCRIPTION**

**TECHNICAL SPECIFICATIONS**

**EN ISO STANDARD**

**VALUE**

High safety shoes, for environments at high risk of U-Power of the U-Special-Step One range, with water-repellent grained leather upper, composite toe cap, sheet in ergonomic steel, anti-puncture, anti-slip and PU/VIBRAM sole, S3 HRO HI SRC

**SAFETY TOE CAP "AirToe Composite"**

Impact resistance. Free heights after collision mm  $\geq 14$   
Compressive strength. Free heights after compr. mm  $\geq 14$

**INSOLE "Classic steel midsole"**

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 $\Omega$ )  $< 10^9$  Ohm  
Environmental class 2 - 25% humidity  $10^5 \Omega$  e  $10^9 \Omega$  (0,1 M $\Omega$  a 100 M $\Omega$ )  $< 10^9$  Ohm  
Environmental class 3 - 50% humidity  $10^5 \Omega$  e  $10^9 \Omega$  (0,1 M $\Omega$  a 100 M $\Omega$ )  $< 10^9$  Ohm

**UPPER DYNAMIC WATERPROOFING AFTER 60'**

Water absorption after 60'  $\leq 30\%$  14  
Water transmitted after 60'  $\leq 0.2$  gr 0,1  
Permeability to water vapor mg/(cm<sup>2</sup> h)  $\geq 0.8$  3,2  
Permeability coefficient mg/cm<sup>2</sup>  $\geq 15$  27,1

**VAMP LINING**

Permeability to water vapor mg/(cm<sup>2</sup> h)  $\geq 2$  4,7  
Permeability coefficient mg/cm<sup>2</sup>  $\geq 20$  42,5  
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

**SOLE WEAR**

Abrasion resistance (volume loss) mm<sup>3</sup>  $\leq 150$  140  
Bending resistance mm  $\leq 4$  1,4  
Resistance to sole / midsole detachment N/mm  $\geq 3$  4,1  
Hydrocarbons resistance (% volume variation)  $\leq 12$  5,5  
Heel energy absorption J  $\geq 20$  38  
Adherence coef. with EN 13207 SRB method  $\geq 0.18$  0,20  
Adherence coef. with EN 13207 SRA method  $\geq 0.32$  0,38

**20345:2011**

**RESULT**