



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

**LEGAL DATA:**  
C.F e Reg.Imp.Novara:02041920030  
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**REV. 27/05/2024**

**DATA SHEET**

**PRODUCT PICTURE**

**RANGES**

**TECHNOLOGIES**

SO10223 DEPP RS S3 M HRO HI SRC  
Natural Confort 11 Mondopoint  
AirToe Composite  
SHOE TYPE "B"  
SIZE RANGE 38-47 (UK: 5-12)  
Size tested: 42 - WEIGHT Kg 1,476



**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 range, with water-repellent grained leather upper, composite toe cap, sheet in ergonomic steel, metatarsal protection, anti-puncture, anti-slip and PU/VIBRAM sole, RS S3 M HRO HI SRC

**SAFETY TOE CAP "AirToe Composite"**

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

≥ 14  
≥ 14

20,0  
16,0

**INSOLE "Classic steel midsole"**

Puncture resistance N

≥ 1100

Compliant

**ELECTRICAL RESISTANCE CATEGORY**

Environmental class 1 - 12% humidity  
Environmental class 2 - 25% humidity  
Environmental class 3 - 50% humidity

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

≤ 30%  
≤ 0.2 gr  
≥ 0.8  
≥ 15

14  
0,1  
3,2  
27,1

**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

≥ 2  
≥ 20  
25600 cycles  
12800 cycles

4,7  
42,5  
No hole  
No hole

**INSOLE**

Abrasion resistance

≥ 400 cycles

No damage

**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

≤ 150  
≤ 4  
≥ 3  
≤ 12  
≥ 20  
≥ 0.18  
≥ 0.32

140  
1,4  
4,1  
5,5  
38  
0,20  
0,38