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

**LEGAL DATA:**
C.F e Reg.Imp.Novara:02041920030
CCIAA Novara REA: 211799
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**REV. 27/05/2024**

## DATA SHEET

RR20244 TIGER S3 SRC
Natural Confort 11 Mondopoint
AirToe Composite
SHOE TYPE “A”
SIZE RANGE 35-47 (UK: 2-12)
Size tested: 42 - WEIGHT Kg 1,005

## PRODUCT PICTURE



## RANGES

ROCK&ROLL

## TECHNOLOGIES

Save&Flex plus · wingtex · Natural CONFORT 11 · Airtoe COMPOSITE · METAL FREE 100% · ACTIONdry

## DESCRIPTION

Low safety shoes totally "metal free", U-Power comfortable and light of the" Rock & Roll" range, Water repellent leather, inserts in breathable mesh, tip AirToe Composite, antiperforation, anti-slip and PU / PU sole, S2 SRC

| TECHNICAL SPECIFICATIONS | EN ISO STANDARD | VALUE |
|---|---|---|
| **SAFETY TOE CAP “AirToe Composite”** | **20345:2011** | **RESULT** |
| Impact resistance. Free heights after collision mm | ≥ 14 | 19,0 |
| Compressive strength. Free heights after compr. mm | ≥ 14 | 15,0 |
| **INSOLE “Save & Flex PLUS”** | | |
| Puncture resistance N | ≥ 1100 | Compliant |
| **ELECTRICAL RESISTANCE CATEGORY** | | |
| Environmental class 1 - 12% humidity | $10^5$ Ω e $10^9$ Ω (0,1 MΩ a 100 MΩ) | < 10^9 Ohm |
| Environmental class 2 - 25% humidity | $10^5$ Ω e $10^9$ Ω (0,1 MΩ a 100 MΩ) | < 10^9 Ohm |
| Environmental class 3 - 50% humidity | $10^5$ Ω e $10^9$ Ω (0,1 MΩ a 100 MΩ) | < 10^9 Ohm |
| **UPPER DYNAMIC WATERPROOFING AFTER 60'** | | |
| Water absorption after 60' | ≤ 30% | 14 |
| Water transmitted after 60' | ≤ 0.2 gr | 0,1 |
| Permeability to water vapor mg/($cm^2$ h) | ≥ 0.8 | 3,2 |
| Permeability coefficient mg/$cm^2$ | ≥ 15 | 27,1 |
| **VAMP LINING** | | |
| Permeability to water vapor mg/($cm^2$ h) | ≥ 2 | 4,7 |
| Permeability coefficient mg/$cm^2$ | ≥ 20 | 42,5 |
| Resistance to abrasion - DRY cycles | 25600 cycles | No hole |
| Resistance to abrasion - WET cycles | 12800 cycles | No hole |
| **INSOLE** | | |
| Abrasion resistance | ≥ 400 cycles | No damage |
| **SOLE WEAR** | | |
| Abrasion resistance (volume loss) $mm^3$ | ≤ 150 | 56 |
| Bending resistance mm | ≤ 4 | 2,3 |
| Resistance to sole / midsole detachment N/mm | ≥ 3 | 4,1 |
| Hydrocarbons resistance (% volume variation) | ≤ 12 | 3 |
| Heel energy absorption J | ≥ 20 | 26 |
| Adherence coef. with EN 13207 SRB method | ≥ 0.18 | 0,20 |
| Adherence coef. with EN 13207 SRA method | ≥ 0.32 | 0,38 |