



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

LEGAL DATA:
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REV. 27/05/2024

DATA SHEET

PRODUCT PICTURE

RANGES

TECHNOLOGIES

UC20014 CORNER S3 SRC
Natural Confort 11 Mondopoint
AirToe Composite
SHOE TYPE "A"
SIZE RANGE 38-47 (UK: 5-12)
Size tested: 42 - WEIGHT Kg 1,164



CONCEPT-PLUS



DESCRIPTION

TECHNICAL SPECIFICATIONS

EN ISO STANDARD

VALUE

Low safety shoes totally "no metal" U-Power, comfortable, from the Concept Plus range, with full-grain leather upper with Matrix inserts, water-repellent, composite toe cap, anti-puncture, anti-slip and PU / PU sole, S3 SRC

SAFETY TOE CAP "AirToe Composite"

Impact resistance. Free heights after collision mm ≥ 14
Compressive strength. Free heights after compr. mm ≥ 14

INSOLE "Save & Flex PLUS"

Puncture resistance N ≥ 1100

ELECTRICAL RESISTANCE CATEGORY

Environmental class 1 - 12% humidity $10^5 \Omega$ e $10^9 \Omega$ (0,1 M Ω a 100 M Ω) $< 10^9$ Ohm
Environmental class 2 - 25% humidity $10^5 \Omega$ e $10^9 \Omega$ (0,1 M Ω a 100 M Ω) $< 10^9$ Ohm
Environmental class 3 - 50% humidity $10^5 \Omega$ e $10^9 \Omega$ (0,1 M Ω a 100 M Ω) $< 10^9$ Ohm

UPPER DYNAMIC WATERPROOFING AFTER 60'

Water absorption after 60' $\leq 30\%$ 10
Water transmitted after 60' ≤ 0.2 gr 0,0
Permeability to water vapor mg/(cm² h) ≥ 0.8 7.2
Permeability coefficient mg/cm² ≥ 15 64.4

VAMP LINING

Permeability to water vapor mg/(cm² h) ≥ 2 4,7
Permeability coefficient mg/cm² ≥ 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) mm³ ≤ 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 0,19
Adherence coef. with EN 13207 SRA method ≥ 0.32 0,42

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RESULT