



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 lv

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REV. 27/05/2024

DATA SHEET

PRODUCT PICTURE

RANGES

TECHNOLOGIES

RL1E114 MIND RS S3 WR SRC CI
Natural Confort 11
AirToe Composite
SHOE TYPE "B"
SIZE RANGE 35-48
Size tested: 42 - WEIGHT Kg 1,6092



GORE-TEX



DESCRIPTION

TECHNICAL SPECIFICATIONS

EN ISO STANDARD

VALUE

High and comfortable safety shoe, from the Red Over range by U-Power, upper in soft grain leather, textile inserts and toe cap in composite, Gore-Tex lining and Sole in soft PU foam and Infenergy®.

SAFETY TOE CAP "AirToe Composite"

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

20345:2011
RESULT
≥ 14 16,0
≥ 14 15,5

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

Puncture resistance N

≥ 1100 Compliant

ELECTRICAL RESISTANCE CATEGORY

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

10⁵ Ω e 10⁹ Ω (0,1 MΩ a 100 MΩ) < 10⁹ Ohm
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UPPER DYNAMIC WATERPROOFING AFTER 60'

Water absorption after 60'
Water transmitted after 60'
Permeability to water vapor mg/(cm² h)
Permeability coefficient mg/cm²

≤ 30% 16,3
≤ 0.2 gr 0,14
≥ 0.8 3,8
≥ 15 42,9

VAMP LINING

Permeability to water vapor mg/(cm² h)
Permeability coefficient mg/cm²
Resistance to abrasion - DRY cycles
Resistance to abrasion - WET cycles

≥ 2 Compliant
≥ 20 Compliant
25600 cycles No hole
12800 cycles No hole

INSOLE

Abrasion resistance

≥ 400 cycles No damage

SOLE WEAR

Abrasion resistance (volume loss) mm³
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 62
≤ 4 0
≥ 3 6.1
≤ 12 1.3
≥ 20 45
≥ 0.18 0.27
≥ 0.32 0.39