



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

CONTACTS:
WEBSITE: www.u-power.it/it
EMAIL: info@u-power.it
TEL: +39 0322 53 94 01
FAX: +39 0322 23 00 01

REV. 27/05/2024

DATA SHEET

PRODUCT PICTURE

RANGES

TECHNOLOGIES

RL1E214 KORA S3 WR HRO HI SRC CI
Natural Confort 11
AirToe Aluminium
SHOE TYPE "B"
SIZE RANGE 38-48 (UK: 5-13)
Size tested: 42 - WEIGHT Kg 1,697



DESCRIPTION

TECHNICAL SPECIFICATIONS

EN ISO STANDARD

VALUE

High and comfortable safety shoe, of the Red Over/Gore-Tex range by U-Power, highly abrasion-resistant PUTEK® PLUS upper and drummed natural nubuck, water-repellent, Gore-Tex lining, BOA® Fit System, Aluminium toe cap and PU/VIBRAM and Infinergy sole.

SAFETY TOE CAP "AirToe Aluminium"

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

≥ 14
≥ 14

20345:2011

RESULT

17,0
14,0

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)
10⁵ Ω e 10⁹ Ω (0,1 MΩ a 100 MΩ)
10⁵ Ω e 10⁹ Ω (0,1 MΩ a 100 MΩ)

< 10⁹ Ohm
< 10⁹ Ohm
< 10⁹ Ohm

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%
≤ 0.2 gr
≥ 0.8
≥ 15

6
0,0
6,1
56,0

VAMP LINING

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

≥ 2
≥ 20
25600 cycles
12800 cycles

Compliant
Compliant
No hole
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
≤ 4
≥ 3
≤ 12
≥ 20
≥ 0.18
≥ 0.32

101
2,0
4,4
5
50
0,37
0,53