



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

LEGAL DATA:
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CCIAA Novara REA: 211799
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REV. 27/05/2024

DATA SHEET

PRODUCT PICTURE

RANGES

TECHNOLOGIES

RL20013 CARBON S3 SRC CI ESD
Natural Confort 11 Mondopoint
AirToe Aluminium
SHOE TYPE "A"
SIZE RANGE 35-48 (UK: 2-13)
Size tested: 42 - WEIGHT Kg 1,181



DESCRIPTION

TECHNICAL SPECIFICATIONS

EN ISO STANDARD

VALUE

Safety shoes low, light and comfortable U-Power of the Red Lion range, with upper in natural nubuck leather, aluminum toecap, ultra-breathable, water-repellent, anti-puncture, anti-slip and PU / PU infinergy sole.

SAFETY TOE CAP "AirToe Aluminium"

Impact resistance. Free heights after collision mm

≥ 14

17,5

Compressive strength. Free heights after compr. mm

≥ 14

17,0

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

Puncture resistance N

≥ 1100

Compliant

ELECTRICAL RESISTANCE CATEGORY

Environmental class 1 - 12% humidity

$10^5 \Omega$ e $10^9 \Omega$ (0,1 MΩ a 100 MΩ)

< 10^8 Ohm

Environmental class 2 - 25% humidity

$10^5 \Omega$ e $10^9 \Omega$ (0,1 MΩ a 100 MΩ)

< 10^8 Ohm

Environmental class 3 - 50% humidity

$10^5 \Omega$ e $10^9 \Omega$ (0,1 MΩ a 100 MΩ)

< 10^8 Ohm

UPPER DYNAMIC WATERPROOFING AFTER 60'

Water absorption after 60'

≤ 30%

4,5

Water transmitted after 60'

≤ 0.2 gr

0,0

Permeability to water vapor mg/(cm² h)

≥ 0.8

6,9

Permeability coefficient mg/cm²

≥ 15

70,5

VAMP LINING

Permeability to water vapor mg/(cm² h)

≥ 2

23,7

Permeability coefficient mg/cm²

≥ 20

189,7

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

77

Bending resistance mm

≤ 4

3,2

Resistance to sole / midsole detachment N/mm

≥ 3

3,4

Hydrocarbons resistance (% volume variation)

≤ 12

11,6

Heel energy absorption J

≥ 20

36

Adherence coef. with EN 13207 SRB method

≥ 0.18

0,33

Adherence coef. with EN 13207 SRA method

≥ 0.32

0,41