



U GROUP SRL
Via Borgomanero n°50
28040 Paruzzaro (NO)

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DATA SHEET

PRODUCT PICTURE

RANGES

TECHNOLOGIES

RL20096 GOING S1P SRC ESD
Natural Confort 11 Mondopoint
Airtoe Aluminium® with breathable
membrane
SHOE TYPE "A"
SIZE RANGE 38-48 (UK: 5-13)
Size tested: 42 - WEIGHT Kg 1,097



DESCRIPTION

TECHNICAL SPECIFICATIONS

EN ISO STANDARD

VALUE

safety shoes low, light and comfortable U-Power of the Red Lion range, with ultra-breathable soft perforated suede leather, aluminum toecap, anti-puncture, anti-slip and PU / PU infinergy, S1P SRC ESD sole

SAFETY TOE CAP "Airtoe Aluminium® with breathable membrane"

Impact resistance. Free heights after collision mm

≥ 14

16,5

Compressive strength. Free heights after compr. mm

≥ 14

21,0

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

Puncture resistance N

≥ 1100

Compliant

ELECTRICAL RESISTANCE CATEGORY

Environmental class 1 - 12% humidity

10⁵ Ω e 10⁹ Ω (0,1 MΩ a 100 MΩ)

< 10⁸ Ohm

Environmental class 2 - 25% humidity

10⁵ Ω e 10⁹ Ω (0,1 MΩ a 100 MΩ)

< 10⁸ Ohm

Environmental class 3 - 50% humidity

10⁵ Ω e 10⁹ Ω (0,1 MΩ a 100 MΩ)

< 10⁸ Ohm

UPPER DYNAMIC WATERPROOFING AFTER 60'

Water absorption after 60'

≤ 30%

N.A.

Water transmitted after 60'

≤ 0.2 gr

N.A.

Permeability to water vapor mg/(cm² h)

≥ 0.8

2,4

Permeability coefficient mg/cm²

≥ 15

28,8

VAMP LINING

Permeability to water vapor mg/(cm² h)

≥ 2

10,4

Permeability coefficient mg/cm²

≥ 20

86,7

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

55

Bending resistance mm

≤ 4

1,0

Resistance to sole / midsole detachment N/mm

≥ 3

5,0

Hydrocarbons resistance (% volume variation)

≤ 12

1

Heel energy absorption J

≥ 20

34

Adherence coef. with EN 13207 SRB method

≥ 0.18

0,24

Adherence coef. with EN 13207 SRA method

≥ 0.32

0,68