



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

LEGAL DATA:
C.F e Reg.Imp.Novara:02041920030
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REV. 27/05/2024

DATA SHEET

PRODUCT PICTURE

RANGES

TECHNOLOGIES

RL20086 EMOTION S1P SRC ESD
Natural Confort 11 Mondopoint
AirToe Aluminium
SHOE TYPE "A"
SIZE RANGE 35-48 (UK: 2-13)
Size tested: 42 - WEIGHT Kg 1,079



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"

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

20345:2011

RESULT

≥ 14
≥ 14

16,5
21,0

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)

< 10⁸ Ohm
< 10⁸ Ohm
< 10⁸ 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

N.A.
N.A.
7,0
62,6

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

10,4
86,7
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

55
1,0
5,0
1
34
0,24
0,68