



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

LEGAL DATA:
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REV. 27/05/2024

DATA SHEET

PRODUCT PICTURE

RANGES

TECHNOLOGIES

RL10103 CARTER S3 SRC CI ESD
Natural Confort 11 Mondopoint
AirToe Aluminium
SHOE TYPE "B"
SIZE RANGE 38-48 (UK: 5-13)
Size tested: 42 - WEIGHT Kg 1,193



DESCRIPTION

TECHNICAL SPECIFICATIONS

EN ISO STANDARD

VALUE

Safety shoes high, 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, S3 CI SRC ESD sole

SAFETY TOE CAP "AirToe Aluminium"

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

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

Puncture resistance N

ELECTRICAL RESISTANCE CATEGORY

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

UPPER DYNAMIC WATERPROOFING AFTER 60'

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

VAMP LINING

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

INSOLE

Abrasion resistance

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

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RESULT

≥ 14	17,5
≥ 14	17,0
≥ 1100	Compliant
10 ⁵ Ω e 10 ⁹ Ω (0,1 MΩ a 100 MΩ)	< 10 ⁸ Ohm
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≤ 30%	5,9
≤ 0.2 gr	0,0
≥ 0.8	5,7
≥ 15	58,1
≥ 2	23,7
≥ 20	189,7
25600 cycles	No hole
12800 cycles	No hole
≥ 400 cycles	No damage
≤ 150	77
≤ 4	3,2
≥ 3	3,4
≤ 12	11,6
≥ 20	36
≥ 0.18	0,33
≥ 0.32	0,41