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 Iv

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REV. 11/11/2024

DATA SHEET

RL20056 PUSH S1PS FO SR ESD
Natural Confort 11 Mondopoint
AirToe Aluminium
SHOE TYPE "A"
SIZE RANGE 35-48 (UK: 2-13)
Size tested: 42 - WEIGHT Kg 1,084

PRODUCT PICTURE



RANGES

RED LION

TECHNOLOGIES

ESD · Infinergy · Save Flex plus · wingtex · Airtoe Aluminium · Nickel Free · Natural Confort 11 · U-Power Original · Secosol

DESCRIPTION

Safety shoes low, light and comfortable U-Power of the Red Lion range, with ultra-breathable nylon and soft suede upper, aluminum toecap, anti-puncture, anti-slip and PU / PU infinergy sole.

TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS	EN ISO STANDARD	VALUE
SAFETY TOE CAP "AirToe Aluminium"	**20345:2022**	**RESULT**
Impact resistance. Free heights after collision mm	≥ 14	16,5
Compressive strength. Free heights after compr. mm	≥ 14	14,5
INSOLE "Save & Flex PLUS® , pierce resistant “non metal”"		
Puncture resistance N	≥ 1100	Compliant
ELECTRICAL RESISTANCE CATEGORY	$< 10^9$ Ω	Compliant
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/(cm^2 h)	≥ 0,8	8,8
Permeability coefficient mg/cm^2	≥ 15	76,8
VAMP LINING		
Permeability to water vapor mg/(cm^2 h)	≥ 2	23,7
Permeability coefficient mg/cm^2	≥ 20	189,7
Resistance to abrasion - DRY cycles	25.600 cycles	Compliant
Resistance to abrasion - WET cycles	12.800 cycles	Compliant
INSOLE		
Abrasion resistance	≥ 400 cycles	No damage
SOLE WEAR		
Abrasion resistance (volume loss) mm^3	≤ 250	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
SLIP RESISTANCE		
Slip resistance on ceramic with NaLS (forward heel 7°)	≥ 0,31	0,42
Slip resistance on ceramic with NaLS (backward forepart 7°)	≥ 0,36	0,36
SR-Slip resistance on ceramic with glycerin (forward heel 7°)	≥ 0,19	0,31
SR-Slip resistance on ceramic with glycerin (backward forepart 7°)	≥ 0,22	0,28