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

CONTACTS:
WEBSITE: www.u-power.it/en
EMAIL: info@u-power.it
TEL: +39 0322 53 94 01
FAX: +39 0322 23 00 01

REV. 11/11/2024

DATA SHEET

RL20262 GLACE S2 FO SR
Natural Confort 11 Mondopoint
AirToe Composite
SHOE TYPE "A"
SIZE RANGE 35-46 (UK: 2-11)
Size tested: 42 - WEIGHT Kg 0,97

PRODUCT PICTURE



RANGES

RED LION

TECHNOLOGIES

Infinergy · wingtex · METAL FREE 100% · Airtoe COMPOSITE · NICKEL FREE · Natural CONFORT 11 · U-POWER ORIGINAL · SAFETY DRY · Secco!

DESCRIPTION

Safety shoes low, light and comfortable U-Power of the Red Lion range, totally "metal free", white without strings, with New safety dry upper, composite toecap, water-repellent, anti-slip and PU / PU infinergy sole.

TECHNICAL SPECIFICATIONS	EN ISO STANDARD	VALUE
SAFETY TOE CAP "AirToe Composite"	**20345:2022**	**RESULT**
Impact resistance. Free heights after collision mm	≥ 14	18,5
Compressive strength. Free heights after compr. mm	≥ 14	16,0
INSOLE "Not present"		
Puncture resistance N	≥ 1100	N.A.
ELECTRICAL RESISTANCE CATEGORY	$< 10^9$ Ω	N.A.
UPPER DYNAMIC WATERPROOFING AFTER 60'		
Water absorption after 60'	≤ 30%	
Water transmitted after 60'	≤ 0,2 gr	
Permeability to water vapor mg/(cm^2 h)	≥ 0,8	1,5
Permeability coefficient mg/cm^2	≥ 15	16,3
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