



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 lv

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REV. 27/05/2024

DATA SHEET

PRODUCT PICTURE

RANGES

TECHNOLOGIES

RS20016 RYDER S1P SRC ESD
Natural Confort 11 Mondopoint®
AirToe Aluminium
SHOE TYPE "A"
SIZE RANGE 35-48
Size tested: 42 - WEIGHT Kg 1,225



DESCRIPTION

TECHNICAL SPECIFICATIONS

EN ISO STANDARD

VALUE

Safety shoes low, light and comfortable U-Power of the Red 360, with ultra-breathable nylon and soft suede upper, Lycra® fibre fabric collar, heel shock shield, 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 ≥ 14
Compressive strength. Free heights after compr. mm ≥ 14

INSOLE "Save & Flex® PLUS"

Puncture resistance N ≥ 1100

ELECTRICAL RESISTANCE CATEGORY

Environmental class 1 - 12% humidity	$10^5 \Omega$ e $10^9 \Omega$ (0,1 M Ω a 100 M Ω)	< 10^8 Ohm
Environmental class 2 - 25% humidity	$10^5 \Omega$ e $10^9 \Omega$ (0,1 M Ω a 100 M Ω)	< 10^8 Ohm
Environmental class 3 - 50% humidity	$10^5 \Omega$ e $10^9 \Omega$ (0,1 M Ω a 100 M Ω)	< 10^8 Ohm

UPPER DYNAMIC WATERPROOFING AFTER 60'

Water absorption after 60'	$\leq 30\%$	N.A.
Water transmitted after 60'	≤ 0.2 gr	N.A.
Permeability to water vapor mg/(cm ² h)	≥ 0.8	10,6
Permeability coefficient mg/cm ²	≥ 15	92,7

VAMP LINING

Permeability to water vapor mg/(cm ² h)	≥ 2	55,7
Permeability coefficient mg/cm ²	≥ 20	445,8
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
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SOLE WEAR

Abrasion resistance (volume loss) mm ³	≤ 150	53
Bending resistance mm	≤ 4	6,6
Resistance to sole / midsole detachment N/mm	≥ 3	4,7
Hydrocarbons resistance (% volume variation)	≤ 12	3,1
Heel energy absorption J	≥ 20	38
Adherence coef. with EN 13207 SRB method	≥ 0.18	0,36
Adherence coef. with EN 13207 SRA method	≥ 0.32	0,45