U GROUP SRL
Via Borgomanero n°50
28040 Paruzzaro (NO)

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

REV. 24/10/2022

DATA SHEET

RS20096 ARON S1P SRC ESD
Natural Confort 11 Mondopoint®
AirToe Aluminium
SHOE TYPE "A"
SIZE RANGE 35-48
Size tested: 42 - WEIGHT Kg 1,23

PRODUCT PICTURE

RANGES

RED 360

TECHNOLOGIES

ESD, Infinergy, Save & Flex plus, wingtex, Natural Confort 11, Airtoe Aluminium, WOW!, Secoset

DESCRIPTION

Safety shoes low, light and comfortable U-Power of the Red 360. Soft suede upper with Nylon inserts, Lycra® fibre fabric collar and heel shock shield, aluminum toecap, anti-puncture, anti-slip and PU / PU infinergy, S1P SRC ESD sole

TECHNICAL SPECIFICATIONS	EN ISO STANDARD	VALUE
SAFETY TOE CAP "AirToe Aluminium"	**20345:2011**	**RESULT**
Impact resistance. Free heights after collision mm	≥ 14	19,0
Compressive strength. Free heights after compr. mm	≥ 14	21,5
INSOLE "Save & Flex® PLUS"		
Puncture resistance N	≥ 1100	Compliant
ELECTRICAL RESISTANCE CATEGORY		
Environmental class 1 - 12% humidity	10^5 Ω e 10^9 Ω (0,1 MΩ a 100 MΩ)	< 10^8 Ohm
Environmental class 2 - 25% humidity	10^5 Ω e 10^9 Ω (0,1 MΩ a 100 MΩ)	< 10^8 Ohm
Environmental class 3 - 50% humidity	10^5 Ω e 10^9 Ω (0,1 MΩ a 100 MΩ)	< 10^8 Ohm
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	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
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