



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

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. 27/05/2024

DATA SHEET

PRODUCT PICTURE

RANGES

TECHNOLOGIES

RS20164 RUSH S3 SRC CI ESD
Natural Confort 11 Mondopoint®
AirToe Aluminium
SHOE TYPE "A"
SIZE RANGE 35-48
Size tested: 42 - WEIGHT Kg 1,23



DESCRIPTION

TECHNICAL SPECIFICATIONS

EN ISO STANDARD

VALUE

Safety shoes low, light and comfortable U-Power of the Red 360. Soft nubuck water repellent leather upper, Lycra® fibre fabric collar and heel shock shield, aluminum toecap, anti-puncture, anti-slip and PU / PU infinergy, S3 SRC CI 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"

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

	20345:2011	RESULT
Impact resistance. Free heights after collision mm	≥ 14	19,0
Compressive strength. Free heights after compr. mm	≥ 14	21,5
Puncture resistance N	≥ 1100	Compliant
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
Water absorption after 60'	≤ 30%	2.7
Water transmitted after 60'	≤ 0.2 gr	0
Permeability to water vapor mg/(cm ² h)	≥ 0.8	67
Permeability coefficient mg/cm ²	≥ 15	60.3
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
Abrasion resistance	≥ 400 cycles	No damage
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