U GROUP SRL
Via Borgomanero n° 1
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. 27/05/2024

DATA SHEET

UA20394 ERUPTION S3 HRO HI SRC CI
Natural Confort 11 Mondopoint
AirToe Composite
SHOE TYPE "A"
SIZE RANGE 38-47 (UK: 5-12)
Size tested: 42 - WEIGHT Kg 1,241

PRODUCT PICTURE



RANGES

CONCEPT-PLUS

TECHNOLOGIES

DESCRIPTION

Low safety shoes U-Power, comfortable, from the Concept Plus range, with full grained leather upper, water-repellent, composite toe cap, anti-puncture, anti-slip and PU/VIBRAM sole, S3 HRO HI CI SRC

TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS	EN ISO STANDARD	VALUE
SAFETY TOE CAP "AirToe Composite"	**20345:2011**	**RESULT**
Impact resistance. Free heights after collision mm	≥ 14	20,0
Compressive strength. Free heights after compr. mm	≥ 14	19,0
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)	< 10^9 Ohm
Environmental class 2 - 25% humidity	10^5 Ω e 10^9 Ω (0,1 MΩ a 100 MΩ)	< 10^9 Ohm
Environmental class 3 - 50% humidity	10^5 Ω e 10^9 Ω (0,1 MΩ a 100 MΩ)	< 10^9 Ohm
UPPER DYNAMIC WATERPROOFING AFTER 60'		
Water absorption after 60'	≤ 30%	14
Water transmitted after 60'	≤ 0.2 gr	0,1
Permeability to water vapor mg/(cm^2 h)	≥ 0.8	3,2
Permeability coefficient mg/cm^2	≥ 15	27,1
VAMP LINING		
Permeability to water vapor mg/(cm^2 h)	≥ 2	4,7
Permeability coefficient mg/cm^2	≥ 20	42,5
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	140
Bending resistance mm	≤ 4	1,4
Resistance to sole / midsole detachment N/mm	≥ 3	4,1
Hydrocarbons resistance (% volume variation)	≤ 12	5,5
Heel energy absorption J	≥ 20	39
Adherence coef. with EN 13207 SRB method	≥ 0.18	0,20
Adherence coef. with EN 13207 SRA method	≥ 0.32	0,38