



U GROUP SRL
Via Borgomanero n° 1
28040 Paruzzaro (NO)

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REV. 27/05/2024

DATA SHEET

PRODUCT PICTURE

RANGES

TECHNOLOGIES

UB20099 SCARLETT OB SR
Confort 11
SHOE TYPE "A"
SIZE RANGE 35-48
Size tested: 42 - WEIGHT 1.032



URBAN



DESCRIPTION

TECHNICAL SPECIFICATIONS

EN ISO STANDARD

VALUE

The shoe SCARLETT is equipped with a soft leather upper with amaranth microfiber inserts, lining and leather tongue that ensures comfort and well-being of the foot.

The perforated toe ensures greater breathability. Comfort is also increased by the leather insole and the polyurethane sole with Infinergy® insert.

Infinergy® insert, the soul of this revolutionary shoe is the technology that stores over 55% of energy and returns it at every step.

Born for the world of running, Infinergy® has transformed the traditional cushioning into dynamic cushioning, which uses the movement of the foot to store energy in the ground grip phase and return it when the foot pushes forward.

The first LIFESTYLE shoe branded U-Power characterized by:

- attractive look
- sporty design
- amazing comfort

SAFETY TOE CAP

Impact resistance. Free heights after collision mm
Compressive strength. Free heights after compr. mm

INSOLE "N.A."

Puncture resistance N

ELECTRICAL RESISTANCE CATEGORY

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

Heel energy absorption J

SLIP RESISTANCE

Slip resistance on ceramic with NaLS (heel forward 7°)

Slip resistance on ceramic with NaLS (heel back 7°)

SR-Slip resistance on ceramic with glycerin (heel forward 7°)

SR-Slip resistance on ceramic with glycerin (heel back 7°)

	20347:2022	RESULT
Impact resistance. Free heights after collision mm	≥ 14	N.A.
Compressive strength. Free heights after compr. mm	≥ 14	N.A.
Puncture resistance N	≥ 1100	N.A.
ELECTRICAL RESISTANCE CATEGORY	< 10 ⁹ Ω	N.A.
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	1.0
Permeability coefficient mg/cm ²	≥ 15	20.1
Permeability to water vapor mg/(cm ² h)	≥ 2	16.9
Permeability coefficient mg/cm ²	≥ 20	142.3
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	28
Bending resistance mm	≤ 4	0.8
Resistance to sole / midsole detachment N/mm	≥ 3	3.6
Heel energy absorption J	≥ 20	N.A.
Slip resistance on ceramic with NaLS (heel forward 7°)	≥ 0.31	0.45
Slip resistance on ceramic with NaLS (heel back 7°)	≥ 0.36	0.42
SR-Slip resistance on ceramic with glycerin (heel forward 7°)	≥ 0.19	0.32
SR-Slip resistance on ceramic with glycerin (heel back 7°)	≥ 0.22	0.25