U GROUP SRL	LEGAL DATA:	CONTACTS:	REV.
Via Borgomanero n° 1 28040 Paruzzaro (NO)	Tax Code and Reg.Imp.Novara: 02041920030 CCIAA Novara REA: 211799 VAT: IT02041920030 Export Code: No015724 Share Capital: 119.000 Iv	WEBSITE: www.u-power.ai/en-gb EMAIL: info@u-power.it TEL: +39 0322 53 94 01 FAX: +39 0322 23 00 01	31/07/2026

TECHNICAL SHEET

0UT20144 - BRAD ESD

S3S CI LG FO SR
Natural Confort 11-12-13 Mondopoint
FiberToe
FOOTWEAR TYPE "A"
TEST REPORT SIZE 42
WEIGHT 1549g
SIZES 35-49 (UK: 2-13,5)

PRODUCT PHOTO

LINES

REDFIT

TECHNOLOGIES

BOA

ESD

Infinergy

Save & Flex plus

Fibertoe

Natural Confort 11

U-POWER ORIGINAL

DESCRIPTION

U-Power **Brad safety shoes** provide the best balance between **safety**, **comfort** and **strength**. The **soft**, but incredibly **sturdy and water repellent, pull-up leather upper** guarantees protection from atmospheric agents and wear. The **FiberToe toe cap** provides all the necessary safety without weighing the foot down, while the **Save & Flex® PLUS anti-perforation insole** allows for fluid movements and protects from external risks. The **innovative PU/PU Infinergy® sole** returns energy at every step, reducing fatigue and joint stress. Brad **includes three interchangeable insoles for a fully customisable shoe** that provides unparalleled comfort. Available in sizes from 35 to 49, this shoe is designed for anyone who works in challenging environments every day.

TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS	NORM EN ISO	VALUE
	EN ISO 20345:2022+A1:2024	
SAFETY TOE CAP		
Impact resistance. Free heights after collision mm	≥14	**15,5**
Compressive strength. Free heights after compr. mm	≥14	**20,5**
ANTI-PERFORATION INSERT		
Puncture resistance	≥1100N	**Compliant**
ELECTRICAL RESISTANCE OF THE SHOE		
Measurement result	$<10^9$ohm	**Compliant**
UPPER DYNAMIC WATERPROOFING AFTER 60'		
Water absorption after 60'	≤30%	**3,7**
Water transmitted after 60'	≤0,2 gr	**3,7**
Permeability to water vapor mg/(cm^2 h)	≥0,8	**0,9**
Permeability coefficient mg/cm^2	≥15	**16,9**
VAMP LINING		
Permeability to water vapor mg/(cm^2 h)	≥2	**77,5**
Permeability coefficient mg/cm^2	≥20	**620,2**
Resistance to abrasion	12800/25600 cycles	**No hole**
SOLE WEAR		
Abrasion resistance (volume loss) mm^3	≤150	**0,96**
Resistance to sole / midsole detachment N/mm	≥3	**3,4**
Heel energy absorption J	≥20	**47**
SLIP RESISTANCE		
On ceramic with NaLS (forward heel 7°)	≥0,31	**0,42**
On ceramic with NaLS (backward heel 7°)	≥0,32	**0,41**
SR-Slip resistance on ceramic with glycerin (forward heel 7°)	≥0,19	**0,30**
SR-Slip resistance on ceramic with glycerin (backward heel 7°)	≥0,22	**0,34**