

	U GROUP SRL Via Borgomanero n° 1 28040 Paruzzaro (NO)	LEGAL DATA: Tax Code and Reg.Imp.Novara: 02041920030 CCIAA Novara REA: 211799 VAT: IT02041920030 Export Code: No015724 Share Capital: 119.000 Iv	CONTACTS: WEBSITE: www.u-power.ai/en-gb EMAIL: info@u-power.it TEL: +39 0322 53 94 01 FAX: +39 0322 23 00 01	REV. 31/07/2026	
TECHNICAL SHEET		PRODUCT PHOTO	LINES	TECHNOLOGIES	
OUT10144 - KYROS ESD S3S CI LG FO SR Natural Confort 11-12-13 Mondopoint FiberToe FOOTWEAR TYPE "B" TEST REPORT SIZE 42 WEIGHT 1786g SIZES 35-49 (UK: 2-13,5)					
DESCRIPTION		TECHNICAL SPECIFICATIONS			
Kyros is safety footwear featuring the BOA® Fit System created by U-Power for anyone looking for the very best in terms of comfort and safety. Made of soft, water repellent, pull-up leather, this shoes guarantees excellent protection against water and humidity while keeping your feet dry and comfortable. The PU/PU Infinergy® sole provides an unparalleled return of energy, helping to reduce strain on the back and legs during long working hours. The innovative FiberToe toe cap guarantees lightness and sturdiness while the Save & Flex® PLUS anti-perforation insole provides safety and flexible mobility in all working conditions. Thanks to the three interchangeable U-Power original insoles, the Kyros shoe allows you to choose the most suitable footwear to provide additional daily comfort and well-being. Available in sizes from 35 to 49, it is the ideal choice for tackling the working day.		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°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		