

	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				
OUT10114 - PEAK ESD S3S CI LG FO SR Natural Confort 11-12-13 Mondopoint FiberToe FOOTWEAR TYPE "B" TEST REPORT SIZE 42 WEIGHT 1723g SIZES 35-49 (UK: 2-13,5)										
DESCRIPTION			TECHNICAL SPECIFICATIONS			NORM EN ISO		VALUE		
U-Power Peak safety shoes are designed to ensure comfort, safety and strength in the workplace. The upper is made of fine, water repellent, pull-up leather, that is soft and hard-wearing, with a sturdy TPU support heel, to ensure stability and protection even in the most difficult conditions. The FiberToe toe cap ensures maximum protection without foregoing lightness, while the Save & Flex® PLUS anti-perforation insole protects the foot against all risks of perforation plus flexibility and comfort throughout the working day. The PU/ PU Infinergy® sole provides excellent cushioning, impact absorption and a unique return of energy, thus reducing fatigue and improving posture. The three interchangeable U-Power original insoles add the finishing touch to this high-performance safety shoe, available in sizes 35 to 49.						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				