

	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			
OUT20114 - ASH ESD S3S CI LG FO SR Natural Confort 11-12-13 Mondopoint FiberToe FOOTWEAR TYPE "A" TEST REPORT SIZE 42 WEIGHT 1521g SIZES 35-49 (UK: 2-13,5)						        			
DESCRIPTION		TECHNICAL SPECIFICATIONS				NORM EN ISO		VALUE	
U-Power Ash safety shoes are designed to guarantee safety, comfort and versatility throughout the working day. The upper made of fine, water repellent, pull-up leather provides exceptional strength and softness guaranteeing maximum durability. These work shoes include the light, but highly protective FiberToe toe cap, and a Save & Flex® PLUS anti-perforation insole which ensures flexibility and safety during all movements. The TPU heel supports and stabilises the foot, improving posture and reducing fatigue. The PU/PU Infinergy® sole returns energy at every step, significantly reducing fatigue. You can also customise your footwear with the three different U-Power original insoles included, allowing you to choose the one best suited to your foot. Available in a wide range of sizes from 35 to 49, these low-cut safety shoes combine style and safety for discerning professionals.		SAFETY TOE CAP				EN ISO 20345:2022+A1:2024			
		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			