

	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					
ORT20046 - JAIME ESD S1PS HI HRO FO SR Natural Confort 11 Mondopoint® NanoFiber Toe Cap, ultralight, metal free. FOOTWEAR TYPE "A" TEST REPORT SIZE 42 WEIGHT 915g SIZES 35-48									
DESCRIPTION		TECHNICAL SPECIFICATIONS				NORM EN ISO		VALUE	
JAIME ESD is an S1PS HI HRO FO SR protection class high safety shoe that combines certified protection and advanced comfort. The U-KNIT upper with suede inserts ensures durability and flexibility, while the Super Critical Technology outsole improves stability and cushioning.		EN ISO 20345:2022+A1:2024							
		SAFETY TOE CAP							
		Impact resistance. Free heights after collision mm		≥14				16,0	
		Compressive strength. Free heights after compr. mm		≥14				17,0	
		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%				N/A	
		Water transmitted after 60'		≤0,2 gr				N/A	
		Permeability to water vapor mg/(cm^2 h)		≥0,8				4,4	
		Permeability coefficient mg/cm^2		≥15				36,2	
		VAMP LINING							
		Permeability to water vapor mg/(cm^2 h)		≥2				24,9	
		Permeability coefficient mg/cm^2		≥20				200,0	
		Resistance to abrasion		12800/25600 cycles				No hole	
		SOLE WEAR							
		Abrasion resistance (volume loss) mm^3		≤150				79	
		Bending resistance mm		≤4				1.0	
		Resistance to sole / midsole detachment N/mm		≥3				4.3	
		Heel energy absorption J		≥20				33	
		SLIP RESISTANCE							
		On ceramic with NaLS (forward heel 7°)		≥0,31				0.38	
		On ceramic with NaLS (backward heel 7°)		≥0,32				0.43	
		SR-Slip resistance on ceramic with glycerin (forward heel 7°)		≥0,19				0.26	
SR-Slip resistance on ceramic with glycerin (backward heel 7°)		≥0,22				0.29			