

	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 lv	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			
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