

	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			
ORT20154 - GREGOR ESD S3S CI HI HRO FO SR Natural Confort 11 Mondopoint® NanoFiber Toe Cap, ultralight, metal free. FOOTWEAR TYPE "A" TEST REPORT SIZE 42 SIZES 35-48						       			
DESCRIPTION		TECHNICAL SPECIFICATIONS				NORM EN ISO		VALUE	
The Gregor combines safety and comfort for everyday professional use. With a lightweight NanoFiber toe cap, ultra-lightweight anti-puncture midsole, oil and heat resistant (HRO) outsole and ESD protection, they guarantee complete safety on demanding surfaces. The breathable lining and anatomical U-Power Original footbed ensure comfort and extended support, ideal for industry, logistics and technical environments.						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'							
		Permeability to water vapor mg/(cm^2 h)				≥0,8		19,2	
		Permeability coefficient mg/cm^2				≥15		154,3	
		VAMP LINING							
		Permeability to water vapor mg/(cm^2 h)				≥2		19,2	
		Permeability coefficient mg/cm^2				≥20		154,3	
		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	