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TECHNICAL SHEET	PRODUCT PHOTO	LINES	TECHNOLOGIES	
ORT10174 - NYMERIA ESD S3S CI HI HRO FO SR Natural Confort 11 Mondopoint® NanoFiber Toe Cap, ultralight, metal free. FOOTWEAR TYPE "B" TEST REPORT SIZE 42 SIZES 35-48				
DESCRIPTION	TECHNICAL SPECIFICATIONS	NORM EN ISO	VALUE	
The Nymeria ESD are safety shoes designed to combine technical safety with everyday comfort. Made of soft, tumbled black nubuck leather, they offer a balance of robustness and comfort for long hours at work. With protection class S3S CI HI HRO FO SR, they provide comprehensive protection against impact, punctures, cold, heat and slips, while the ESD construction reduces the risk of electrostatic discharge. These shoes are ideal for industries, logistics and technical sectors that require safety, durability and extended comfort at work.	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
	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		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	