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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.		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		