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TECHNICAL SHEET		PRODUCT PHOTO	LINES	TECHNOLOGIES		
ORT20114 - OBERYN 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 Oberyng of the Red Stratos range are low-cut safety shoes with protection class S3S CI HI HRO FO SR, designed to guarantee maximum safety and comfort even in demanding conditions. They offer PUTEK® star high tenacity, water-repellent and breathable uppers, an ultra-lightweight NanoFiber toecap and a metal-free perforation-resistant midsole. The Super Critical Technology sole together with the HRO rubber ensures high grip, heat resistance and protection from the cold, while the breathable lining and U-Power Original footbed offer extended comfort. Ideal for technical, industrial and logistics environments.		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		