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CCIAA Novara REA: 211799
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REV.
20/10/2026

TECHNICAL SHEET

0RT20164 - NED 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

PRODUCT PHOTO



LINES

RED STRATOS

TECHNOLOGIES

DESCRIPTION

The NED ESD are versatile and robust safety shoes, ideal for professional use. With protection class S3S CI HI HRO FO SR, they guarantee complete safety on wet, cold and oily ground with integrated ESD protection against electrostatic discharge. Grey tumbled soft nubuck leather upper, toecap and anti-puncture system, high-grip sole and stability. Designed to offer prolonged comfort, breathability and support throughout the working day in various sectors.

TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS	NORM EN ISO	VALUE
	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	$<10^9$ohm	**Compliant**
UPPER DYNAMIC WATERPROOFING AFTER 60'		
Water absorption after 60'	≤30%	**16,3**
Water transmitted after 60'	≤0,2 gr	**0,00**
Permeability to water vapor mg/(cm^2 h)	≥0,8	**2,8**
Permeability coefficient mg/cm^2	≥15	**23,8**
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**