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REV.
31/07/2026

TECHNICAL SHEET

0RT20124 - DORNE ESD

S3S CI HI HRO FO SR
Natural Confort 11 Mondopoint®
NanoFiber Toe Cap, ultralight, metal free.
FOOTWEAR TYPE "A"
TEST REPORT SIZE 42
WEIGHT 936g
SIZES 35-48

PRODUCT PHOTO

LINES

RED STRATOS

TECHNOLOGIES

DESCRIPTION

The Red Stratos Dorne is a low-cut safety shoe designed for the daily worker who seeks protection and comfort in all conditions. With an ultra-lightweight NanoFiber toecap, ultra-lightweight anti-puncture midsole, Super Critical Technology outsole together with high-grip, heat-resistant HRO rubber, they offer total safety. The PUTEK® star high tenacity, water-repellent and breathable upper ensures comfort and durability. Integrated ESD protection and breathable lining make Dorne ideal for industry, logistics and technical 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'		
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**