U GROUP SRL
Via Borgomanero n° 1
28040 Paruzzaro (NO)

LEGAL DATA:
Tax Code and Reg.Imp.Novara: 02041920030
CCIAA Novara REA: 211799
VAT: IT02041920030
Export Code: No015724
Share Capital: 119.000 Iv

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REV.
24/11/2026

TECHNICAL SHEET

0RT20026 - BRAN ESD

S1PS 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

BRAN ESD is a safety shoe designed for dynamic work environments. The upper, made from stretch U-KNIT with suede, offers flexibility and comfort, whilst the U-Power Foam sole reduces fatigue by returning energy with every step. Protection class S1PS HI HRO FO SR to ensure maximum protection and performance.

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%	**N/A**
Water transmitted after 60'	≤0,2 gr	**N/A**
Permeability to water vapor mg/(cm^2 h)	≥0,8	**4,4**
Permeability coefficient mg/cm^2	≥15	**36,2**
VAMP LINING		
Permeability to water vapor mg/(cm^2 h)	≥2	**24,8**
Permeability coefficient mg/cm^2	≥20	**199,9**
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**