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.
20/10/2026

TECHNICAL SHEET

0RT20016 - ARYA ESD

S1PS HI HRO FO SR
Natural Confort 11 Mondopoint®
NanoFiber Toe Cap, ultralight, metal free.
FOOTWEAR TYPE "A"
TEST REPORT SIZE 42
WEIGHT 927g
SIZES 35-48

PRODUCT PHOTO



LINES

RED STRATOS

TECHNOLOGIES

DESCRIPTION

ARYA ESD is a safety shoe designed to offer lightness, comfort, and energy return. The stretch U-KNIT upper, featuring laser-cut detailing and suede inserts, ensures breathability and a dynamic fit. The metal-free NanoFiber toe cap, ultra-lightweight puncture-resistant insole, and U-Power Foam outsole with HRO tread guarantee protection and comfort throughout the workday.

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	**24,6**
Permeability coefficient mg/cm^2	≥20	**198,8**
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**