



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

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REV. 11/11/2024

DATA SHEET

PRODUCT PICTURE

RANGES

TECHNOLOGIES

RE20046 MAYA ESD
SHOE TYPE "A"
SIZE RANGE
Size tested: 42 - WEIGHT Kg 0,98



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DESCRIPTION	TECHNICAL SPECIFICATIONS	EN ISO STANDARD	VALUE
The Maya safety shoe is designed to offer maximum protection and comfort in any situation. Made with a U-KNIT stretchy upper, it ensures breathability and a comfortable fit all day long. The Fibertoe toe cap provides protection, while the ultra-light puncture-resistant insole keeps feet safe from perforation hazards. Entirely metal free, Maya is even lighter on the foot. An EVA and black rubber outsole delivers durability and excellent grip, making it ideal for dynamic work environments. Available in sizes 35 to 42.	SAFETY TOE CAP ""	20345:2022	RESULT
	Impact resistance. Free heights after collision mm	≥ 14	17,0
	Compressive strength. Free heights after compr. mm	≥ 14	18,5
	INSOLE "Ultra-light puncture-resistant insole"		
	Puncture resistance N	≥ 1100	Compliant
	ELECTRICAL RESISTANCE CATEGORY	< 10 ⁹ Ω	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	7,9
	Permeability coefficient mg/cm ²	≥ 15	63,9
	VAMP LINING		
	Permeability to water vapor mg/(cm ² h)	≥ 2	34,4
	Permeability coefficient mg/cm ²	≥ 20	275,7
	Resistance to abrasion - DRY cycles	25.600 cycles	Compliant
	Resistance to abrasion - WET cycles	12.800 cycles	Compliant
	INSOLE		
	Abrasion resistance	≥ 400 cycles	No damage
	SOLE WEAR		
	Abrasion resistance (volume loss) mm ³	≤ 150	139
	Bending resistance mm	≤ 4	2,8
	Resistance to sole / midsole detachment N/mm	≥ 3	3,5
	Hydrocarbons resistance (% volume variation)	≤ 12	9,2
	Heel energy absorption J	≥ 20	35
	SLIP RESISTANCE		
	Slip resistance on ceramic with NaLS (forward heel 7°)	≥ 0,31	0,45
	Slip resistance on ceramic with NaLS (backward forepart 7°)	≥ 0,36	0,41
	SR-Slip resistance on ceramic with glycerin (forward heel 7°)	≥ 0,19	0,29
	SR-Slip resistance on ceramic with glycerin (backward forepart 7°)	≥ 0,22	0,24