



Class: S3 SRC
 Sizes: 34-50
 Instep: 12
 Weight(±10%): **540 gr.** (*)

TECHNICAL SHEET ART. MERCURY

Description Low shoe in black Safety Nubuck with padded storm-cuff, High Tex inserts, 100% polyester lining, Non-Metallic HRP Insole , ATOMIC Insole, antistatic, breathable, mono density polyurethane sole with TPU inserts , bending resistant , abrasion resistant , oil resistant , slip resistant , ESD.

Suggested sectors of usage Building/Carpentry, Agriculture/Zootechnics, Mining industry, Naval Industry, Public jobs.

Care and Maintenance clean periodically the outsole and the upper with non aggressive substances which could compromise quality, safety and durability of the shoe, do not dry close to direct heat source.



Complete shoe	Norm	Description	Unit	FTG result	EN ISO 20345 requirements
Toe Cap: Non-Metallic TOP COMPOSITE toe cap, impact resistant 200 J	5.3.2.3	Impact resistance	mm	16,5	≥ 14
	5.3.2.4	Compression resistance	mm	15,5	≥ 14
Midsole: non metallic HRP Insole with high tenacity fibres multi layers, polyester composition, perforation resistant.	6.2.1.1	Perforation resistance	N	1.100 No perf.	≥ 1.100
	5.7.3	Water absorption Water desorption	Mg/Cm ²	140 100%	≥ 70 ≥ 80%
ESD footwear: dissipation capacity of the electrostatic charge	EN ISO 61340 5-1:2016	Electrical resistance CLASS 2	Mohm	50,2	< 100
Capacity of Energy Absorption in the heel area	6.2.4	Energy absorption in the heel area	J	41	≥ 20
Upper: Black Microfiber, High Tex inserts, black color	5.4.6	Water vapour permeability	mg/cm ² h	4,7	≥ 0,8
	5.4.3	Coefficient of permeability	mg/cm ²	37,9	≥ 15
		Tearing Strength	N	103	≥ 60
Vamp/Quarter Lining: honeycomb 100% finished polyester, breathable, abrasion resistant, black colour + orange colour	5.5.3	Water vapour permeability	mg/cm ² h	132,3	≥ 2
	5.5.1	Coefficient of permeability	mg/cm ²	1058,7	≥ 20
		Tearing Strength	N	43,5	≥ 15
	5.5.2	Abrasion resistance (dry)	cycles	no rupture	25.600
		Abrasion resistance (wet)	cycles	no rupture	12.800
Sole: mono density polyurethane with TPU inserts, bending resistant, abrasion resistant, oil resistant, slip resistant, ESD	5.8.2	Tearing Strength	kN/m	7,2	≥ 5
	5.8.3	Abrasion resistance (black)	mm ³	125	≤ 250
	5.8.4	Bending resistance	mm	0	≤ 4
	5.8.5	Hydrolysis	mm	0	≤ 6
	6.4.2	Hydrocarbons resistance (volume increase)	%	2,8%	≤ 12%
	5.11	Slip resistance on ceramic floor with water and detergent	front	0,55	≥ 0,32
			heel 7°	0,48	≥ 0,28
	Slip resistance on steel floor with glycerine	front	0,19	≥ 0,18	
		heel 7°	0,13	≥ 0,13	

In model MERCURY and its components there is no presence of dangerous substances by Annex XVII to regulation no. 1907/2006/CE and subsequent amendments and additions

(*) = Indicative weight that refers to ½ pair in size 42