



Class: S3 SRC
 Sizes: 35-47
 Instep: 12
 Weight ($\pm 10\%$): 528 gr. (*)

TECHNICAL SHEET ART. BLACK

Description Low cut shoe in Eco leather, water resistant ,black color, internal lining EASY AIR, non metallic anti perforation midsole HRP, LIGHT & SOFT insole, antistatic and breathable. polyuretane outsole BRAKING SYSTEM, bending resistant, abrasion resistant, oil resistant, slip resistant SRC, antistatic.

Plus Eco leather anti-allergic, chrome free, acids resistant, washable 40° C, more breathable than leather.

Suggested Uses: chemical/food industry; light jobs,; public jobs; mechanical Industry; logistics; professional/craftsman; general services.

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 requirement
Toe cap: Top Composite toe cap, impact resistant 200 J	5.3.2.3	Impact resistance	mm	14,5	>= 14
	5.3.2.4	Compression resistance	mm	14,0	>= 14
Anti perforation midsole HRP: non metallic midsole with high tenacity fibers layers, ceramized and treated with plasma	6.2.1.1	Perforation resistance	N	1.100	>= 1.100
Antistatic footwear: the outsole is made for the dissipation of electrostatic charges	6.2.2.2	Electric resistance			
		- Wet (humidity)	Mohm	959	>= 0,1
		- Dry	Mohm	1000	<= 1000
Capacity of Energy Absorption in the heel area	6.2.4	Energy absorption in the heel area	J	33,0	>= 20
Upper: Eco leather water resistant, black color, thickness 2,0 mm	5.4.6	Water vapour permeability	mg/cmq h	1,8	>= 0,8
		Coefficient of permeability	mg/cmq	17,2	>= 15
	5.4.3	Tearing Strength	N	90	>= 60
Vamp Lining: Non woven textile for toe cap, grey color	5.5.3	Water vapour permeability	mg/cmq h	3,4	>= 2
		Coefficient of permeability	mg/cmq	30,2	>= 20
	5.5.1	Tearing Strength	N	30	>= 15
	5.5.2	Abrasion resistance (dry)	cycles	no rupture	25.600
Abrasion resistance (humidity)		cycles	no rupture	12.800	
Quarter Lining: EASY AIR, 100% polyamide, honeycomb processing, breathable, abrasion resistant, color grey and red.	5.5.3	Water vapour permeability	mg/cmq h	6,8	>= 2
		Coefficient of permeability	mg/cmq	54,4	>= 20
	5.5.1	Tearing Strength	N	25	>= 15
	5.5.2	Abrasion resistance (dry)	cycles	No rupture	51.200
Abrasion resistance (humidity)		cycles	no rupture	25.600	
Insole lining: textile anti perforation midsole HRP	5.7.3	Water Absorption	Mg/cm ²	78	>= 70
		Ability to release water		99%	>= 80%
Outsole: polyurethane BRAKING SYSTEM, bending resistant, abrasion resistant, oil resistant, slip resistant SRC, antistatic. Special PU compound, studied to get a soft PU density for a higher comfort.	5.8.2	Tearing Strength	kN/m	5,6	>= 5
	5.8.3	Abrasion resistance	mm ³	85	<= 250
	5.8.4	Bendings resistance	mm	3,0	<= 4
	5.8.5	Hydrolysis	mm	2,5	<= 6
	6.4.2	Hydrocarbons resistance (volume increase)	%	0,1%	<= 12%
	5.11	Slip resistance on ceramic floor with water and detergent	flat	0,36	>= 0,32
		inclined	0,40	>= 0,28	
	Slip resistance on steel floor with glycerine	flat	0,18	>= 0,18	
	inclined	0,15	>= 0,13		

Azo dye free: no presence of azo dye forbidden by normative 1907/2006/CE Attachment XVII (method UNI EN 14362-1:2004 – Textile)

(*) = Indicative weight that refers to 1/2 pair for size 42.