



TECHNICAL SHEET ART. CHATEAU

Description Low shoe in water-repellent Eco leather, black color, 100% polyester lining, non metallic HRP midsole, insole Light & Soft antistatic and breathable, polyurethane sole, bending resistant, abrasion resistant, oil resistant, slip resistant, antistatic, with the "little pad" SOFT WALK inside

Plus Eco leather hypoallergenic, chrome free, acid resistant, washable at 40° C, more breathable; toe protection PRO CAP

Suggested sectors of usage Chemistry/Food, building/construction, mechanical industry, naval industry

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



Class: S3 SRC
 Sizes: 38-48
 Instep: 12
 Weight(±10%): 543 gr. (*)

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	14,2	>= 14
	5.3.2.4	Compression resistance	mm	16,1	>= 14
Midsole: non metallic HRP Insole 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	Mohm	41,4	>= 0,1
Capacity of Energy Absorption in the heel area	6.2.4	- Dry	Mohm	74,9	<= 1000
		Energy absorption in the heel area	J	37,5	>= 20
Upper: Eco leather water-repellent, black color, thickness 2,0 mm	5.4.6	Water vapour permeability	mg/cmq h	1,8	>= 0,8
		Coefficient of permeability	mg/cmq	15,0	>= 15
	5.4.3	Tearing Strength	N	60	>= 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 (wet)	cycles	no rupture	12.800
Quarter lining: 100% honeycomb finished polyester, breathable, abrasion resistant, black colour	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 (wet)	cycles	no rupture	25.600
Insole lining: textile anti perforation midsole HRP Insole	5.7.3	Water Absorption	Mg/cm ²	78	>= 70
		Ability to release water		99%	>= 80%
Sole: polyurethane, bending resistant, abrasion resistant, oil resistant, slip resistant, antistatic, with high damping capacity thanks to the little pad SOFT WALK inserted inside	5.8.2	Tearing Strength	kN/m	5,9	>= 5
	5.8.3	Abrasion resistance	mm ³	154	<= 250
	5.8.4	Bending resistance	mm	2,5	<= 4
	5.8.5	Hydrolysis	mm	1,0	<= 6
	6.4.2	Hydrocarbons resistance (volume increase)	%	0,2%	<= 12%
	5.1.1	Slip resistance on ceramic floor with water and detergent	flat	0,56	>= 0,32
			inclined	0,47	>= 0,28
		Slip resistance on steel floor with glycerine	flat	0,25	>= 0,18
	inclined	0,22	>= 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 in size 42