



Class: S1 P SRC
 Sizes: 38-47
 Instep: 12
 Weight(±10%): 513 gr. (*)

TECHNICAL SHEET ART. CARVING

Description Low shoe in suede leather, blue color, 100% polyester lining, Non-Metallic HRP Insole, SPORT-LITE Insole anatomic and antistatic, double density polyurethane sole, bending resistant, abrasion resistant, oil resistant, slip resistant, antistatic.

Plus Midsole compound particularly studied to get a soft PU density for a higher comfort; toe protection PRO CAP
Suggested sectors of usage Servicing, Mechanical Industry, Logistic / Packaging, Professional / Craftsman, Cooperative Society.

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 Thin Cap toe cap, impact resistant 200 J	5.3.2.3	Impact resistance	mm	14,0	>= 14
	5.3.2.4	Compression resistance	mm	14,0	>= 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: dissipation capacity of the electrostatic charge	6.2.2.2	Electric resistance			
		- Wet	Mohm	119	>= 0,1
		- Dry	Mohm	463	<= 1000
Capacity of Energy Absorption in the heel area	6.2.4	Energy absorption in the heel area	J	25,0	>= 20
Upper: Suede leather, blue color, thickness 2,0 mm	5.4.6	Water vapour permeability	mg/cmq h	3,7	>= 0,8
		Coefficient of permeability	mg/cmq	38,6	>= 15
	5.4.3	Tearing Strength	N	203	>= 120
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, grey 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	82	>= 70
		Ability to release water		97%	>= 80%
Sole: double density polyurethane, bending resistant, abrasion resistant, oil resistant, slip resistant, antistatic	5.8.2	Tearing Strength	kN/m	10,5	>= 8
	5.8.3	Abrasion resistance	mm ³	74	<= 150
	5.8.4	Bending resistance	mm	2,5	<= 4
	5.8.5	Hydrolysis	mm	1,0	<= 6
	6.4.2	Hydrocarbons resistance (volume increase)	%	0,3%	<= 12%
	5.11	Slip resistance on ceramic floor with water and detergent	flat	0,42	>= 0,32
		Slip resistance on steel floor with glycerine	inclined	0,40	>= 0,28
		flat	0,20	>= 0,18	
		inclined	0,17	>= 0,13	

Azo dye free: no presence of azo dye forbidden by normative 1907/2006/CE Attachment XVII (method UNI EN 14362-1:2012 + 14362-3:2012 Textile)

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