TECHNICAL SHEET ART. BETA

Description low shoe in black leather, 100% polyester lining, FTG Comfort insole, extractable and washable, polyurethane sole, bending resistant, abrasion resistant, oil resistant, slip resistant, antistatic
Suggested sectors of usage Building/construction, utilities, naval industry, mineral industry, 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

Class: S3 SRC
Sizes: 35-48
Instep: 11
Weight(±10%): 570 gr. (*)

Complete shoe	Norm	Description	Unit	FTG result	EN ISO 20345 requirement
Toe cap: steel 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
Midsole: non metallic HRP Insole with high tenacity fibres 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	951,0	>= 0,1
		- Dry	Mohm	1000,0	<= 1000
Capacity of energy absorption in the heel area	6.2.4	Energy absorption in the heel area	J	35,0	>= 20
Upper: leather, black color, thickness 2.0 mm	5.4.6	Water vapour permeability	mg/cmq h	1,3	>= 0,8
		Coefficient of permeability	mg/cmq	19,6	>= 15
	5.4.3	Tearing Strength	N	208	>= 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, red color	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: monodensity polyurethane, bending resistant, abrasion resistant, oil resistant, slip resistant, antistatic	5.8.2	Tearing Strength	kN/m	5,5	>= 5
	5.8.3	Abrasion resistance	mm^3	98	<= 250
	5.8.4	Bending resistance	mm	3,0	<= 4
	5.8.5	Hydrolysis	mm	2,0	<= 6
	6.4.2	Hydrocarbons resistance (volume increase)	%	0,2	<= 12%
	5.11	Slip resistance on ceramic floor with water and detergent	flat	0,40	>= 0,32
			inclined	0,35	>= 0,28
		Slip resistance on steel floor with glycerine	flat	0,18	>= 0,18
			inclined	0,13	>= 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 ½ pair in size 42