TECNICAL SHEET ART. SOUL HIGH

Description High shoe in black drummed grain leather TOP LEATHER, non-woven fabric lining, ERGO-FIT insole anatomic and antistatic, double density polyurethane sole, abrasion and bending resistant, oil resistant, slip resistant, antistatic
Plus Toe protection PRO CAP
Suggested sectors of usage Building/Costruction, Utilities, Logistic/Packaging, Naval Industry, 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

Class: S3 SRC
Sizes: 38-47
Instep: 11
Weight(±10%): 541 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	16,5	>= 14
	5.3.2.4	Compression resistance	mm	19,5	>= 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	16,18	>= 0,1
		- Dry	Mohm	62,0	<= 1000
Capacity of energy absorption in the heel area	6.2.4	Energy absorption on the heel area	J	21,0	>= 20
Upper: black drummed grain leather	5.4.6	Water vapour permeability	mg/cmq h	2,6	>= 0,8
		Coefficient of permeability	mg/cmq	24,8	>= 15
	5.4.3	Tearing Strenght	N	233,3	>= 120
Vamp lining: Non-woven fabric, beige colour	5.5.3	Water vapour permeability	mg/cmq h	27,9	>= 2
		Coefficient of permeability	mg/cmq	223,7	>= 20
	5.5.1	Tearing strenght	N	25,7	>= 15
	5.5.2	Abrasion resistance (dry)	cycles	no rupture	25.600
		Abrasion resistance (wet)	cycles	no rupture	12.800
Quarter lining: Non-woven fabric, beige colour	5.5.3	Water vapour permeability	mg/cmq h	27,9	>= 2
		Coefficient of permeability	mg/cmq	223,7	>= 20
	5.5.1	Tearing strenght	N	25,7	>= 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	107	>= 70
		Ability to release water		102%	>= 80%
Sole: double density polyurethane, bending resistant, abrasion resistant, oil resistant, slip resistant, antistatic	5.8.2	Tearing strenght	kN/m	13,9	>= 8
	5.8.3	Abrasion resistance	mm^3	31	<= 150
	5.8.4	Bending resistance	mm	0	<= 4
	5.8.5	Hydrolysis	mm	0	<= 6
	6.4.2	Hydrocarbons resistance (volume increase)	%	-0,41	<= 12%
	5.11	Slip resistance on ceramic floor with water and detergent	flat	0,47	>= 0,32
			inclined	0,37	>= 0,28
		Slip resistance on steel floor with glycerine	flat	0,27	>= 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