

TECHNICAL SHEET ART. LEGEND

Description High shoe in black smooth grain leather, 100% polyester lining, non-metallic insole lining HRP INSOLE, Light & Soft insole, antistatic and breathable, 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

Suggested sectors of usage Building/costruction, utilities, farming / zootechnics , 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: 35-47
Instep: 12
Weight(±10%): 610 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	15,5	>= 14
	5.3.2.4	Compression resistance	mm	14,5	>= 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
	6.2.2.2	Electric resistance			
- Wet			MOhm	324	>= 0,1
Antistatic footwear: dissipation capacity of the electrostatic charge	- Dry		MOhm	786	<= 1000
	6.2.4	Energy absorption in the heel area	J	32,0	>= 20
Capacity of energy absorption in the heel area	5.4.6	Water vapour permeability	mg/cmq h	1,0	>= 0,8
		Coefficient of permeability	mg/cmq	16,8	>= 15
	5.4.3	Tearing Strength	N	199	>= 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 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: Double density polyurethane, bending resistant, abrasion resistant, oil resistant, slip resistant, antistatic	5.8.2	Tearing Strength	kN/m	11,5	>= 8
	5.8.3	Abrasion resistance	mm ³	50	<= 150
	5.8.4	Bending resistance	mm	1,5	<= 4
	5.8.5	Hydrolysis	mm	2,5	<= 6
	6.4.2	Hydrocarbons resistance (volume increase)	%	-0,6%	<= 12%
	5.1.1	Slip resistance on ceramic floor with water and detergent	flat	0,43	>= 0,32
		Slip resistance on steel floor with glycerine	inclined	0,40	>= 0,28
		flat	0,21	>= 0,18	
		inclined	0,15	>= 0,13	

Legend style and its components: no presence of dangerous substances by Annex VII to regulation no. 1907/2006/CE and subsequent amendments and additions

(*) = Indicative weight that refers to ½ pair in size 42