



## TECHNICAL SHEET ART. BLUES LOW

**Description** Low shoe in blue reinforced cotton, 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** 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



Class: S1P SRC  
 Sizes: 35-47  
 Instep: 11  
 Weight(±10%): 482 gr. (\*)

Complete shoe	Norm	Description	Unit	FTG result	EN ISO 20345 requirement
<b>Toe cap:</b> 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
<b>Midsole:</b> 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
<b>Antistatic footwear:</b> dissipation capacity of the electrostatic charge	6.2.2.2	Electric resistance			
		- Wet	Mohm	16,18	>= 0,1
<b>Capacity of energy absorption in the heel area</b>	6.2.4	- Dry	Mohm	62,0	<= 1000
		Energy absorption in the heel area	J	21,0	>= 20
<b>Upper:</b> blue reinforced cotton	5.4.6	Water vapour permeability	mg/cmq h	20,1	>= 0,8
		Coefficient of permeability	mg/cmq	162,8	>= 15
	5.4.3	Tearing Strength	N	61,1	>= 60
<b>Vamp lining:</b> non-woven fabric, beige color	5.5.3	Water vapour permeability	mg/cmq h	27,9	>= 2
		Coefficient of permeability	mg/cmq	223,7	>= 20
	5.5.1	Tearing Strength	N	25,7	>= 15
	5.5.2	Abrasion resistance (dry)	cycles	no rupture	25.600
		Abrasion resistance (wet)	cycles	no rupture	12.800
<b>Quarter lining:</b> non-woven fabric, beige color	5.5.3	Water vapour permeability	mg/cmq h	27,9	>= 2
		Coefficient of permeability	mg/cmq	223,7	>= 20
	5.5.1	Tearing Strength	N	25,7	>= 15
	5.5.2	Abrasion resistance (dry)	cycles	no rupture	51.200
		Abrasion resistance (wet)	cycles	no rupture	25.600
<b>Insole lining:</b> textile anti perforation midsole HRP Insole	5.7.3	Water Absorption	Mg/cm <sup>2</sup>	107	>= 70
		Ability to release water		102%	>= 80%
<b>Sole:</b> double density polyurethane, bending resistant, abrasion resistant, oil resistant, slip resistant, antistatic	5.8.2	Tearing Strength	kN/m	13,9	>= 8
	5.8.3	Abrasion resistance	mm <sup>3</sup>	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