



Class: S3 SRC
 Sizes: 35-47
 Instep: 12
 Weight: ($\pm 10\%$): 560 gr.
 (*)

TECHNICAL DATA SHEET: BLACK HIGH

Description: high shoe, upper made with synthetic material "knit technology", hydro treatment, lining 100% polyester, non metallic insole "HRP insole", anatomic and antistatic removable insole SPORT-LITE BIG, sole made of polyurethane mono-density, flexing and abrasion resistant, oil resistant, slip resistant, antistatic.
 ESD footwear.

Plus: sole particularly studied to get a soft PU density for an higher comfort.

Suggested sector of use: servicing, mechanical industry, logistic / packaging, professional / craftsman, electronic & electrotechnic, cooperative society, office.

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 toe cap "Thin Cap", impact resistance 200 J, compression resistance 15 kN	5.3.2.3	Impact resistance	mm	16,0	≥ 14
	5.3.2.4	Compression resistance	mm	18,0	≥ 14
ESD Footwear: dissipation capacity of the electrostatic charge	EN ISO 61340-5-1 2016	Electrical resistance	M Ω	60,3	<100
Capacity of energy absorption in the heel area	6.2.4	Energy absorption in the heel area	J	28,0	≥ 20
Upper: fabric "Knit Tecnology" made by polyester and nylon, black colour	5.4.6	Water vapour permeability	mg/cm ² h	9,7	$\geq 0,8$
		Coefficient of permeability	mg/cm ²	79,8	≥ 15
	5.4.3	Tearing strength	N	188	≥ 60
Vamp lining and quarter lining: 100% honeycomb finished polyester, breathable, abrasion resistant, black colour	5.5.3	Water vapour permeability	mg/cm ² h	6,8	≥ 2
		Coefficient of permeability	mg/cm ²	54,4	≥ 20
	5.5.1	Tear strenght	N	43,5	≥ 15
	5.5.2	Abrasion resistance (dry)	cycles	no rupture	25.600
		Abrasion resistance (wet)	cycles	no rupture	12.800
Insole: anti penetration resistant insert "HRP insole"	5.7.3	Water Absorption	mg/cm ²	118	≥ 70
		Ability to release water		100%	$\geq 80\%$
	6.2.1.1	Penetration resistance	N	1.100	≥ 1.100
Sole: mono-density polyurethane, bending resistant, abrasion resistant, oil resistant, slip resistant, antistatic. Black colour				no hole	
	5.8.2	Tearing Strength	kN/m	10,7	≥ 8
	5.8.3	Abrasion resistance	mm ³	101	≤ 150
	5.8.4	Bending resistance	mm	0	≤ 4
	5.8.5	Hydrocarbons resistance (volume increase)	mm	0	≤ 6
	6.4.2	Slip resistance on ceramic floor with water and detergent	flat	0,50	$\geq 0,32$
	5.11		inclined	0,55	$\geq 0,28$
		Slip resistance on steel floor with glycerine	flat	0,30	$\geq 0,18$
		inclined	0,24	$\geq 0,13$	

Cricket 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 1/2 pair in size 42