TECHNICAL SHEET ART. RUGBY

Class: S1 P SRC
Sizes: 35-47
Instep : 12
Weight(±10%): 469 gr. (*)

Description Low shoe in Safety-Tex , 100% polyester lining, Non-Metallic HRP Insole , ESD Sport – Lite insole, double density polyurethane sole , bending resistant , abrasion resistant, oil resistant , slip resistant , ESD.
Plus Midsole compound particularly studied to get a soft PU density for a higher comfort
Suggested sectors of usage Mechanical Industry, Building / Costruction , Logistic / Packaging , Professional / Craftsman , Servicing , Electronic & Electrotechnic.
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 requirement
Toe cap: THIN CAP toe cap , impact restistant 200 J	5.3.2.3	Impact resistance	mm	14,0	>= 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
ESD footwear: dissipation capacity of the electrostatic charge	EN ISO 61340-5-1	Electric resistance Class 2	Mohm	30,0	< 35
Capacity of energy absorption in the heel area	6.2.4	Energy absorption in the heel area	J	25,0	>= 20
Upper: Safety- Tex , black color	5.4.6	Water vapour permeability	mg/cmq h	4,5	>= 0,8
		Coefficient of permeability	mg/cmq	36,0	>= 15
	5.4.3	Tearing strength	N	70	>= 60
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 , ESD	5.8.2	Tearing strength	kN/m	10,5	>= 8
	5.8.3	Abrasion resistance	mm^3	74	<= 150
	5.8.4	Bending resistance	mm	2,5	<= 4
	5.8.5	Hydrolysis	mm	1,0	<= 6
	6.4.2	Hydrocarbons resistance (volume increase)	%	0,3%	<= 12%
	5.11	Slip resistance on ceramic floor with water and detergent	flat	0,42	>= 0,32
			inclined	0,40	>= 0,28
		Slip resistance on steel floor with glycerine	flat	0,20	>= 0,18
			inclined	0,17	>= 0,13

Azo dye free: no presence of azo dye forbidden by normative 1907/2006/CE Attachment XVII (method UNI EN 14362-1:2012 + UNI EN 14362-3:2012 – Textile)
(*) = Indicative weight that refers to ½ pair in size 42