



## TECHNICAL SHEET ART. CHEF BLACK

**Description** low shoe in black Ecoleather, 100% polyester lining, FTG COMFORT insole extractable and washable, polyurethane outsole black, bending resistant, abrasion resistant, oil resistant, slip resistant, SRC and antistatic

**Suggested sectors of usage** chemical industry/food industry, pharma/hospitals, Cooperative Society

**Care and maintenance** clean periodically the outsole and the upper with non aggressive substances which could compromise the quality, safety and durability of the shoe, do not dry close to direct heat source



Class: S2 SRC  
 Sizes: 34-48  
 Instep: 11  
 Weight(±10%): 455 gr. (\*)

Complete shoe	Norm	Description	Unit	FTG result	EN ISO 20345 requirements
<b>Toe cap:</b> Steel toe cap, impact resistant 200 J	5.3.2.3	Impact resistance	mm	14,0	≥ 14
	5.3.2.4	Compression resistance	mm	15,0	≥ 14
<b>Antistatic footwear:</b> dissipation capacity of the electrostatic charge	6.2.2.2	Electric resistance			
		- Wet (humidity)	MΩ	144	≥ 0,1 MΩ and
<b>Capacity of energy absorption in the heel area</b>	6.2.4	- Dry	MΩ	517	≤ 1000 MΩ
		Energy absorption in the heel area	J	27	≥ 20
<b>Upper:</b> Ecoleather, black color	5.4.6	Water vapour permeability	mg/cm <sup>2</sup> h	7,1	≥ 0,8
	5.4.3	Coefficient of permeability	mg/cm <sup>2</sup>	54,0	≥ 15
		Tearing strength	N	128	≥ 60
<b>Vamp and Quarter lining:</b> 100% honeycomb finished polyester, breathable, abrasion resistant, black color	5.5.3	Water vapour permeability	mg/cm <sup>2</sup> h	6,8	≥ 2
	5.5.1	Coefficient of permeability	mg/cm <sup>2</sup>	52,8	≥ 20
		Tearing Strength	N	73	≥ 15
	5.5.2	Abrasion resistance (dry)	cycles	no rupture	25.600
		Abrasion resistance (humidity)	cycles	no rupture	12.800
<b>Insole lining:</b> non woven textile, antistatic	5.7.3	Water Absorption	mg/cm <sup>2</sup>	108	≥ 70
		Ability to release water		95%	≥ 80%
<b>Sole:</b> black monodensity polyurethane, bending resistant, abrasion resistant, oil resistant, slip resistant SRC, antistatic	5.8.2	Tearing Strength	kN/m	5,5	≥ 5
	5.8.3	Abrasion resistance	mm <sup>3</sup>	98	≤ 250
	5.8.4	Bendings resistance	mm	3,0	≤ 4
	5.8.5	Hydrolysis	mm	2,0	≤ 6
	6.4.2	Hydrocarbons resistance (volume increase)	%	0,2%	≤ 12%
	5.1.1	Slip resistance on ceramic floor with water and detergent	flat	0,37	≥ 0,32
			inclined	0,28	≥ 0,28
		Slip resistance on steel floor with glycerine	flat	0,18	≥ 0,18
		inclined	0,14	≥ 0,13	

Azo dye free: no presence of azo dye forbidden by normative 1907/2006/CE Attachment XVII (method UNI EN 14362-1:2012 + 14362:2012 – Textile)

(\*) = Indicative weight that refers to 1/2 pair in size 42