



TECHNICAL SHEET ART. WINDY

Description Low shoe in suede leather, grey and light blue color, 100% polyester lining, Windry® insole for high transpiration and climate-control, polyurethane sole, bending resistant, abrasion resistant, oil resistant, slip resistant, antistatic

Suggested sectors of usage servicing, mechanical industry, logistic/packaging, 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: S1 SRC
 Sizes: 35-47
 Instep: 11
 Weight(±10%): 527 gr. (*)

Complete shoe	Norm	Description	Unit	FTG result	EN ISO 20345 requirement
Toe cap: steel toe cap, impact resistant 200 J	5.3.2.3	Impact resistance	mm	14,5	>= 14
	5.3.2.4	Compression resistance	mm	15,0	>= 14
Antistatic footwear: dissipation capacity of the electrostatic charge	6.2.2.2	Electric resistance			
		- Wet	Mohm	131	>= 0,1
Capacity of energy absorption in the heel area	6.2.4	- Dry	Mohm	480	<= 1000
		Energy absorption in the heel area	J	35,0	>= 20
Upper: suede leather, grey and light blue color, thickness 2,0 mm	5.4.6	Water vapour permeability	mg/cmq h	3,0	>= 0,8
		Coefficient of permeability	mg/cmq	33,4	>= 15
	5.4.3	Tearing Strength	N	271	>= 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 colour	5.5.3	Water vapour permeability	mg/cmq h	8,0	>= 2
		Coefficient of permeability	mg/cmq	48,1	>= 20
	5.5.1	Tearing Strength	N	60	>= 15
	5.5.2	Abrasion resistance (dry)	cycles	no rupture	51.200
		Abrasion resistance (wet)	cycles	no rupture	25.600
Insole lining: non woven textile, antistatic	5.7.3	Water Absorption	Mg/cm ²	80	>= 70
		Ability to release water		85%	>= 80%
Sole: monodensity polyurethane, bending resistant, abrasion resistant, oil resistant, slip resistant, antistatic	5.8.2	Tearing Strength	kN/m	10,4	>= 8
	5.8.3	Abrasion resistance	mm ³	44	<= 150
	5.8.4	Bending resistance	mm	1,0	<= 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	0,38	>= 0,32
			inclined	0,34	>= 0,28
		Slip resistance on steel floor with glycerine	flat	0,18	>= 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 14362-1:2012 + 14362-3:2012 – Textile)

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