FTG
safety shoes

TECHNICAL SHEET ART. KAPPA

Description Low shoe in grey suede leather, 100% polyester lining, FTG Comfort insole, extractable and washable, 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 P SRC
Sizes: 35-47
Instep: 11
Weight (±10%): 570gr. (*)

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
Midsole: steel	6.2.1.1	Perforation resistance	N	1.210	>= 1.100
Antistatic footwear: dissipation capacity of the electrostatic charge	6.2.2.2	Electric resistance			
		- Wet	Mohm	141	>= 0,1
		- Dry	Mohm	508	<= 1000
Capacity of energy absorption in the heel area	6.2.4	Energy absorption in the heel area	J	27,0	>= 20
Upper : grey suede leather , 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 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: non woven textile, antistatic	5.7.3	Water Absorption	Mg/cm^2	115	>= 70
		Ability to release water		97%	>= 80%
Sole: monodensity polyurethane, bending resistant, abrasion resistant, oil resistant, slip resistant, antistatic	5.8.2	Tearing Strength	kN/m	5,5	>= 5
	5.8.3	Abrasion resistance	mm^3	98	<= 250
	5.8.4	Bending resistance	mm	3,0	<= 4
	5.8.5	Hydrolysis	mm	2,0	<= 6
	6.4.2	Hydrocarbons resistance (volume increase)	%	0,2	<= 12%
	5.11	Slip resistance on ceramic floor with water and detergent	flat	0,38	>= 0,32
			inclined	0,36	>= 0,28
		Slip resistance on steel floor with glycerine	flat	0,18	>= 0,18
			inclined	0,13	>= 0,13

Kappa 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 ½ pair in size 42