



Class: S1P SRC ESD
 Sizes: 34-50
 Available in stock only
 sizes 35-48
 Instep: 12
 Weight(±10%): **550 gr.** (*)

TECHNICAL SHEET ART. PLUTO

Description Low shoe in grey suede leather with padded storm-cuff, HIGH TEX inserts, 100% polyester lining, Non-Metallic HRP Insole, RELAX Insole, antistatic, breathable, mono density polyurethane sole with TPU inserts, bending resistant, abrasion resistant, oil resistant, slip resistant, ESD.

Suggested sectors of usage Mechanical Industry, Logistic, Professional / Craftsman, Light jobs, Electronics.

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 TOP COMPOSITE toe cap, impact resistant 200 J	5.3.2.3	Impact resistance	mm	16,5	≥ 14
	5.3.2.4	Compression resistance	mm	15,5	≥ 14
Midsole: non-metallic HRP Insole with high tenacity fibres multi layers, polyester composition, perforation resistant	6.2.1.1	Perforation resistance	N	1.100 No perf.	≥ 1.100
	5.7.3	Water absorption	Mg/Cm ²	140	≥ 70
		Water desorption		100%	≥ 80%
ESD footwear: dissipation capacity of the electrostatic charge	EN ISO 61340 5-1:2016	Electrical resistance CLASS 2	Mohm	46,7	< 100
Capacity of Energy Absorption in the heel area	6.2.4	Energy absorption in the heel area	J	39	≥ 20
Upper: suede, HIGH-TEX inserts, grey + orange colour	5.4.6	Water vapour permeability	mg/cm ² h	2,0	≥ 0,8
		Coefficient of permeability	mg/cm ²	18,7	≥ 15
	5.4.3	Tearing Strength	N	118	≥ 60
Vamp/Quarter Lining: honeycomb 100% finished polyester, breathable, abrasion resistant, black colour + orange colour	5.5.3	Water vapour permeability	mg/cm ² h	132,3	≥ 2
		Coefficient of permeability	mg/cm ²	1058,7	≥ 20
	5.5.1	Tearing Strength	N	43,5	≥ 15
	5.5.2	Abrasion resistance (dry)	cycles	no rupture	25.600
Abrasion resistance (wet)		cycles	no rupture	12.800	
Sole: mono density polyurethane with TPU inserts, bending resistant, abrasion resistant, oil resistant, slip resistant, ESD	5.8.2	Tearing Strength	kN/m	7,2	≥ 5
	5.8.3	Abrasion resistance (black)	mm ³	125	≤ 250
	5.8.4	Bending resistance	mm	0	≤ 4
	5.8.5	Hydrolysis	mm	0	≤ 6
	6.4.2	Hydrocarbons resistance (volume increase)	%	2,8%	≤ 12%
	5.11	Slip resistance on ceramic floor with water and detergent	front	0,55	≥ 0,32
			heel 7°	0,48	≥ 0,28
	Slip resistance on steel floor with glycerine	front	0,19	≥ 0,18	
		heel 7°	0,13	≥ 0,13	

In model PLUTO and its components there is no presence of dangerous substances by Annex XVII to regulation no. 1907/2006/CE and subsequent amendments and additions

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