EN ISO 20345:2022

Class: S3S FO LG SR
Sizes: 34-48
Available in stock only sizes 35-48
Instep: 11
Weight (±10%): **510 gr**. (*)

TECHNICAL SHEET ART. LAMBDA

Description: high shoe, black SAFETY-LEATHER with padded storm-cuff upper with HIGH-TEX inserts, 100% polyester lining, FTG COMFORT insole, extractable and washable, polyurethane sole, bending resistant, abrasion resistant, oil resistant, slip resistant, antistatic, non-metallic insole HRP INSOLE
Suggested sectors of usage: Building / Construction, Mineral industry, Naval industry, 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

Complete shoe	Norm	Description	Unit	Results	EN ISO 20345 requirements
Toe Cap: steel toe cap, impact resistant 200 J, compression resistant 15 kN	5.3.2.6	Impact resistance	mm	14,0	≥ 14
	5.3.2.7	Compression resistance	mm	17,0	≥ 14
Midsole: non-metallic HRP Insole with high tenacity fibres multi layers, polyester composition, perforation resistant	6.2.1	Perforation resistance (single value)	N	1.169	≥ 950
		Average value		1.188	≥ 1.100
Insole: FTG COMFORT, extractable and washable	5.7.3	Water absorption	mg/cm^2	86,6	≥ 70
		Water desorption		100%	≥ 80%
Capacity of Energy Absorption in the heel area	6.2.4	Energy absorption in the heel area	J	29	≥ 20
Upper: black SAFETY-LEATHER with padded storm-cuff. HIGH-TEX inserts	5.4.3	Tear strength	N	194	≥ 60
	5.4.6	Water vapour permeability	mg/cm^2 · h	1,5	≥ 0,8
		Water vapour coefficient	mg/cm^2	15,5	≥ 15
Vamp/Quarter Lining: honeycomb 100% finished polyester, breathable, abrasion resistant, grey color	5.5.4	Water vapour permeability	mg/cm^2 · h	85,1	≥ 2
		Water vapour coefficient	mg/cm^2	681,2	≥ 20
	5.5.2	Tear strength	N	105,3	≥ 15
	5.5.3	Abrasion resistance (dry)	cycles	no holes	25.600
		Abrasion resistance (wet)	cycles	no holes	12.800
Sole: monodensity polyurethane, bending resistant, abrasion resistant, oil resistant, slip resistant, antistatic	5.8.3	Tear strength	kN/m	5,2	≥ 5
	5.8.4	Abrasion resistance (black)	mm^3	35	≤ 150
	5.8.5	Bending resistance	mm	0	≤ 4
	5.8.6	Hydrolysis	mm	0	≤ 6
	6.4.2	Hydrocarbons resistance (volume increase)	%	3,6%	≤ 12%
	6.2.10	Slip resistance on ceramic glycerine (SR)	heel forward 7°	0,25	≥ 0,19
			tip back 7°	0,25	≥ 0,22

In model LAMBDA 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