EN ISO 20345:2022

Class: S3S FO SR
Sizes: 38-47
Instep: 12
Weight (±10%): **549,5 gr**. (*)

TECHNICAL SHEET ART. SAILING

Description: high shoe in SAFETY-NUBUCK, with HIGH-TEX inserts, 100% polyester lining, non-metallic HRP Insole, SPORT-LITE insole, anatomic, antistatic, antibacterial and ESD, double density polyurethane sole, bending resistant, abrasion resistant, oil resistant, slip resistant, ESD
Suggested sectors of usage: Building / Construction, Electronics / Electrotechnics, Mechanical industry, Servicing, Logistics / Packaging, Professionals / Craftsmen
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 toe cap THIN CAP, impact resistant 200 J	5.3.2.6	Impact resistance	mm	15	≥ 14
	5.3.2.7	Compression resistance	mm	17,5	≥ 14
Midsole: non-metallic HRP Insole with high tenacity fibres multi layers, polyester composition, perforation resistant	6.2.1	Perforation resistance (single value)	N	1.032	≥ 950
		Average value		1.224	≥ 1.100
ESD footwear: dissipation capacity of the electrostatic charge	EN ISO 61340-5-1	Electrical resistance for ESD footwear	Mohm	44	≤ 100
Capacity of Energy Absorption in the heel area	6.2.4	Energy absorption in the heel area	J	29,5	≥ 20
Upper: SAFETY-NUBUCK, HIGH-TEX inserts, black color + green color	5.4.6	Water vapour permeability	$mg/cm^2 \cdot h$	48,5	≥ 0,8
		Water vapour coefficient	mg/cm^2	388,2	≥ 15
	5.4.3	Tear strength	N	189	≥ 60
Vamp/Quarter Lining: honeycomb 100% finished polyester, breathable, abrasion resistant, black colour + green colour	5.5.4	Water vapour permeability	$mg/cm^2 \cdot h$	132,3	≥ 2
		Water vapour coefficient	mg/cm^2	1058,7	≥ 20
	5.5.2	Tear strength	N	43,5	≥ 15
	5.5.3	Abrasion resistance (dry)	cycles	no holes	25.600
		Abrasion resistance (wet)	cycles	no holes	12.800
Sole: double density polyurethane sole, bending resistant, abrasion resistant, oil resistant, slip resistant, ESD	5.8.3	Tear strength	kN/m	7,2	≥ 8
	5.8.4	Abrasion resistance (black)	mm^3	33	≤ 150
	5.8.5	Bending resistance	mm	0	≤ 4
	5.8.6	Hydrolysis	mm	0	≤ 6
	6.4.2	Hydrocarbons resistance (volume increase)	%	1,9%	≤ 12%
	6.2.10	Slip resistance on ceramic glycerine (SR)	heel forward (7°)	0,22	≥ 0,19
			tip back (7°)	0,23	≥ 0,22

In model SAILING 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