EN ISO 20345:2022

Class: S3S FO SR
ESD
Sizes: 34-48
Available in stock only sizes 37-47
Instep: 12
Weight (±10%): **660 gr.**(*)

TECHNICAL SHEET ART. CONVAIR 2

Description: high shoe in nubuck leather, brown color, 100% polyester lining, non-metallic insole lining HRP INSOLE, "FTG Relax" insole, antistatic and breathable, double density polyurethane sole, bending resistant, abrasion resistant, oil resistant, slip resistant, antistatic. ESD shoe
Plus: midsole compound particularly studied to get a soft PU density for a higher comfort
Suggested sectors of usage: Building / Construction, Servicing, Mechanical industry, Logistic / Packaging, Professional / Craftsman, Cooperative society
Care and Maintenance: clean periodically the outsole and the upper with no 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 requirement
Toe cap: Top Composite toe cap, impact resistance 200 J, compression resistance 15 kN	5.3.2.6	Impact resistance	mm	15,0	≥14
	5.3.2.7	Compression resistance	mm	15,5	≥14
Insole: non-metallic HRP Insole with high tenacity fibres layers	6.2.1.1.4	Perforation resistance	N	1327	≥950
		Average value	N	1336	≥1100
	5.7.3	Water Absorption	Mg/cm^2	≥ 70	≥70
		Ability to release water	%	100%	≥ 80%
ESD Shoe: dissipation capacity of the electrostatic charge	EN ISO 61340-5-1	Electric resistance	MΩ	77,37	≤100
		Electric resistance	MΩ	95,98	<1000
		Electric resistance	V	8	<100
Capacity of energy absorption in the heel area	6.2.4	Energy absorption in the heel area	J	33	≥20
Upper: Nubuck leather, brown color, thickness 2,0 mm	5.4.6	Water vapour permeability	mg/cmq h	1,8	≥0,8
		Coefficient of permeability	mg/cmq	18,1	≥15
	5.4.3	Tearing Strength	N	155	≥120
Vamp/quarter lining: 100% honeycomb finished polyester, breathable, abrasion resistant, beige color	5.5.4	Water vapour permeability	mg/cmq h	23,0	≥2
		Coefficient of permeability	mg/cmq	184,6	≥20
	5.5.2	Tearing Strength	N	62	≥ 15
	5.5.3	Abrasion resistance (dry)	cycles	no holes	25.600
		Abrasion resistance (wet)	cycles	no holes	12.800
Insock: FTG RELAX, black, extractable and washable	5.7.3	Water Absorption	mg/cm^2	≥ 70	≥ 70
		Ability to release water	%	100%	≥ 80%
	5.7.4.2	Abrasion resistance (dry)	cycles	no holes	25.600
		Abrasion resistance (wet)	cycles	no holes	12.800
Sole: Double density polyurethane, bending resistant, abrasion resistant, oil resistant, slip resistant, antistatic	5.8.3	Tearing Strength	kN/m	13,3	≥5
	5.8.4	Abrasion resistance	mm^3	92	≤150
	5.8.5	Bending resistance	mm	1,0	≤4
	5.8.6	Hydrolysis	mm	1,5	≤6
	6.4.2	Hydrocarbons resistance (volume increase)	%	3,2%	≤12%
	6.2.10	Slip resistance on ceramic floor with water and detergent	heel forward 7°	0,40	≥0,31
			tip back 7°	0,42	≥0,36
		Slip resistance on ceramic floor with glycerine	heel forward 7°	0,29	≥0,19
			tip back 7°	0,33	≥0,22

Azo dye free: no presence of azo dye forbidden by normative 1907/2006/CE Attachment XVII
(*) = Indicative weight that refers to ½ pair in size 42