



EN ISO 20345:2022

Class: S3S FO SR
ESD
Sizes: 34-48
Available in stock
only sizes 37-47
Instep: 12
Weight (±10%): 625 gr. (*)

TECHNICAL SHEET ART. HALIFAX 2

Description: low shoe in nubuck leather, brown colour, 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	Electric resistance	MΩ	77,37	≤100
	61340-5-1	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 colour, thickness 2.0 mm	5.4.6	Water vapour permeability	mg/cm ² h	1,8	≥0,8
		Coefficient of permeability	mg/cm ²	18,1	≥15
	5.4.3	Tearing Strength	N	155	≥120
Vamp/quarter lining: 100% honeycomb finished polyester, breathable, abrasion resistant, beige colour	5.5.4	Water vapour permeability	mg/cm ² h	23,0	≥2
		Coefficient of permeability	mg/cm ²	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
Insole: FTG RELAX, 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	%	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