

Class:
EN ISO 20345:2011
S3 HRO CI WR SRC
Sizes: 38-48
Instep: 12
Weight(±10%): 663 gr. (*)

TECHNICAL SHEET ART. EOLO

Description High shoe in Eco Leather, black color, FTG WATER-STOP MEMBRANE lining, non-metallic insole lining HRP INSOLE , THERMO-PLUS insole with high thermal isolation, bi-component sole (rubber-polyurethane) abrasion resistant, oil resistant, antistatic and heat resistant , with the "little pad" SOFT WALK inside.

Plus toe protection PRO CAP

Suggested sectors of usage Chemistry/Food , Building/Costruction, Utilities, Mechanical Industry, Farming/Zootechnics, Petrochemical Industry, Naval Industry, Cold Enviroment, Mineral Industry/Mining

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 requirement
Toe cap: Top Composite toe cap, impact resistant 200 J	5.3.2.3	Impact resistance	mm	15,0	>= 14
	5.3.2.4	Compression resistance	mm	15,0	>= 14
Midsole: non metallic HRP Insole with high tenacity fibers layers, ceramized and treated with plasma	6.2.1.1	Perforation resistance	N	1.100	>= 1.100
Antistatic footwear: dissipation capacity of the electrostatic charge	6.2.2.2	Electric resistance			
		- Wet	Mohm	76,8	>= 0,1
		- Dry	Mohm	243	<= 1000
Capacity of energy absorption in the heel area	6.2.4	Energy absorption in the heel area	J	34,0	>= 20
Upper: Eco Leather, black colour, thickness 2,0 mm	5.4.6	Water vapour permeability	mg/cmq h	1,8	>= 0,8
		Coefficient of permeability	mg/cmq	17,2	>= 15
	5.4.3	Tearing Strength	N	90	>= 60
Vamp lining: membrane lining , grey color	5.5.3	Water vapour permeability	mg/cmq h	4,5	>= 2
		Coefficient of permeability	mg/cmq	37,2	>= 20
	5.5.1	Tearing Strength	N	73	>= 15
	5.5.2	Abrasion resistance (dry)	cycles	no rupture	51.200
		Abrasion resistance (wet)	cycles	no rupture	25.600
Quarter lining: membrane lining , grey color	5.5.3	Water vapour permeability	mg/cmq h	4,5	>= 2
		Coefficient of permeability	mg/cmq	37,2	>= 20
	5.5.1	Tearing Strength	N	73	>= 15
	5.5.2	Abrasion resistance (dry)	cycles	no rupture	51.200
		Abrasion resistance (wet)	cycles	no rupture	25.600
Insole lining: textile anti perforation midsole HRP Insole	5.7.3	Water Absorption	Mg/cm ²	78	>= 70
		Ability to release water		99%	>= 80%
Sole: nitril rubber outsole applied to a polyurethane midsole with low density and completely injected; abrasion resistant, oil resistant, insulating and heat resistant	5.8.2	Tearing Strength	kN/m	8,4	>= 8
	5.8.3	Abrasion resistance	mm ³	137	<= 150
	5.8.4	Bending resistance	mm	2,0	<= 4
	6.4.2	Hydrocarbons resistance (volume increase)	%	5,0%	<= 12%
	5.11	Slip resistance on ceramic floor with water and detergent	flat	0,45	>= 0,32
		Slip resistance on steel floor with glycerine	inclined	0,32	>= 0,28
			flat	0,22	>= 0,18
			inclined	0,13	>= 0,13