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TECNICAL SPECIFICATIONS

Article **509 S3L FO SR** **Size: 35/48**
Mondopoint 11
Model description: High shoes, Full-grain leather

Care and Maintenance: Use brush with soft bristles.
do not use alchool,petrol-oil or other chemicals.
keep in cool and dry place.

	MATERIALS	Norm	EN ISO 20345:2022	U.M.	Risultato	Requisito
Protective device	Toe protection: composit toe cap,anticorrosive, 200 Joule crash resistant	5.3.2.2	crash resistant	mm	14,5	>14
		5.3.2.3	compression resistant	mm	14,5	> 14
	antiperforation non metal insole	6.2.1.1	resistant to perforation	no perforation		>1100
	antistatic sole able to dissipate elettrostatic charges.					
		6.2.2.2	Elettrical resistance			
			in a wet environment	10^8Ω	5,81	
			- in dry	10^8Ω	2,47	
Upper	Full-grain leather leather thickness 1,8-2,0 mm	5.4.3	tear resistance	N	156	>60
		5.4.6	permeability to steam	mg/(cm^2)h	3,4	> 0,8
			steam coefficient	mg/cm^2	35,6	>15,0
		6.3.1	water penetration	%	0	< 2
		6.3.1	water absorption	%	18	< 30
Lining	Air Plus highly perspiring tear resistant	5.5.1	tear resistance	N	20	>15
		5.5.2	abrasion resistance			
			in a wet environment	no hole after 51.200 cicles		
			- in dry	no hole after 25.600 cicles		
		5.5.3	permeability to steam	mg/(cm^2h)	7,2	>2
			steam coefficient	mg/cm^2	57,6	>20

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Tongue	synthetic	5.6.1	tear resistance		N	36	> 18
Insole	antistatic material,thickness 3,5mm tear resistant	5.7.1	thickness		mm	3,7	> 2
		5.7.3	water absorption		mg/cm^2	81	> 70
		5.7.3	desorption of water		%	94	> 80
FUSS-BET	100% PU antistatic and antibacterial	5.7.2	water absorption		permeable		
		5.7.4.2	abrasion resistance in a wet environment		no hole after 51.200 cicles		
			- in dry		no hole after 25.600 cicles		
		5.8.1.1	sole	d1		4,5	> 4
Sole	antistatic PU directly injected on the upper. anti-slipping,tear resistant, oil and acid resistant.	5.8.1.3	sole	d2		3	> 2,5
		5.8.2	tear resistance		kn/m	5,8	> 5
		5.8.3	abrasion resistance (volume loss)		mm^3	158	< 250
		5.8.4	flex resistance (enlargement cutting)		mm	2,5	< 4
		5.8.5	hydrolysis		mm	1,5	< 6
		5.8.6	detachment between layers		N/mm	3,5	> 3
		5.3.5.4	Sole (SRC)	SRA - sole of teh foot slip resistance		0,45	> 0,32
		5.3.5.4	Sole (SRC)	SRA - heel (angle di 7°) slip resistance		0,36	> 0,28
		5.3.5.4	Sole (SRC)	SRA - sole of teh foot slip resistance		0,22	> 0,18
		5.3.5.4	Sole (SRC)	SRB - heel (angle di 7°) slip resistance		0,16	> 0,13
Shock absorber	Double Density	6.2.4	shock absorber in the heel zone		J	33	>20
		6.4.2	oil resistant (volume varation)		%	0,2	< 12%
Production	100% Italian						