



safety shoes
SINCE
1987

Lewer Calzature Tecniche srl

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TECNICAL SPECIFICATIONS



Article **ATENE S3 SRC**
Mondopoint 11 **Size** : 36/47
Model description: High shoes,nabuk 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 20345:2011	U.M.	Result	Requirem.
Protective device	Toe protection: alluminium toe cap,anticorrosive, 200 Joule crash resistant	5.3.2.2	crash resistant	mm	16	>14
		5.3.2.3	compression resistant	mm	20	> 14
	antiperforation non metal insole	6.2.1.1	resistant to perforation		no perforation	
	antistatic sole able to dissipate elettrostatic charges.	6.2.2.2	Elettrical resistance in a wet environment - in dry	10 ⁸ Ω 10 ⁸ Ω	1,4 5,15	
		5.4.3	tear resistance	N	158	>60
Upper	full-grain leather thickness 1,8-2,0 mm	5.4.6	permeability to steam steam coefficient	mg/(cm ²)h mg/cm ²	19,0 4,4	> 15 > 0,8
		6.3.1	water penetration	%	45,6	>15,0
		6.3.1	water absorption	%	18	< 30
		5.5.1	tear resistance	N	35	>15
Lining	AIR FRESH 100% polyamide,breathable,abrasion resistant	5.5.2	abrasion resistance in a wet environment - in dry		no hole after 51.200 cicles no hole after 25.600 cicles	
		5.5.3	permeability to steam steam coefficient	mg/(cm ² h) mg/cm ²	7,2 57,6	>2 >20

Article	ATENE S3 SRC	Norm	EN ISO 20345:2011			
Tongue	synthetic	5.6.1	tear resistance	N	80	> 18
Insole	antistatic material,thickness 3,5mm tear resistant	5.7.1	thickness	mm	2,5	> 2
		5.7.3	water absorption	mg/cm^2	103	> 70
		5.7.3	desorption of water	%	94	> 80
FUSS-BET	EVA LIGHT ,anatomic,holed,antibacterial,shock absorber	5.7.2	water absorption	permeable		
		5.7.4.2	abrasion resistance in a wet environment - in dry		no hole after 51.200 cicles no hole after 25.600 cicles	
Sole	3 Density	5.8.1.1	sole d1		5	> 4
	Rubber outer sole	5.8.1.3	sole d2		3	> 2,5
	Middle layer AIR 130	5.8.2	tear resistance	kn/m	8,4	> 5
	Pu- Heel Protection	5.8.3	abrasion resistance (volume loss)	mm^3	95	< 150
		5.8.4	flex resistance (enlargement cutting)	mm	1	< 4
		5.8.5	hydrolysis	mm	1,5	< 6
		5.8.6	detachment between layers	N/mm	4,1	> 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	39	>20
		6.4.2	oil resistant (volume varation)	%	6	< 12%
Production	100% Italian					