



PRODUCT TECHNICAL SHEET ARTICLE 51190 S1P SRC - "No. TWO"



Product Code ----- 51190
 EN Standard ----- EN ISO 20345:2011
 Safety Category ----- S1P SRC
 Range of Sizes ----- 38 - 48
 Width (Mondopoint) ----- 11
 Packaging ----- 6 pairs of same size
 Metal-Free: ----- YES
 Weight (grams/shoe - size 42) ----- 670

MATERIALS

Upper:	Full grain leather "RAMON"		
Lining:	Mesh AIRNET		
Sole:	Midsole in low density polyurethane Outsole in thermo polyurethane		
Protective toe cap:	Composite	Impact resistance: until 200J	Compression resistance: until 1.500 kg
Puncture-resistant midsole:	Multilayer fabric of polyester		

SAFETY TECHNICAL SPECIFICATIONS

Description	Measurement Unit	EN ISO 20345:2011			Description	Measurement Unit	EN ISO 20345:2011		
		Clause	Requirement	Test Result			Clause	Requirement	Test Result
Impact resistance	mm	5.3.2.3	≥ 14	18,5	UPPER - water penetration after 60 min	g	6.3	≤ 0,2	-
Compression resistance	mm	5.3.2.4	≥ 14	19	UPPER - water absorption after 60 min	%	6.3	≤ 30	-
Penetration resistance	N	6.2.1.1	≥ 1100	pass	LINING - water vapour permeability	mg/(cm2*h)	5.5.3	≥ 2,0	28,1
Antistatic properties (in wet condition)	MΩ	6.2.2.2	≥ 0,1	55	LINING - water vapour coefficient	mg/cm2	5.5.3	≥ 20	225
Antistatic properties (in dry condition)	MΩ	6.2.2.2	≤ 1000	700	SOLE - abrasion resistance	mm3	5.8.3	≤ 150	119
Energy absorption of seat region (E)	J	6.2.4	≥ 20	35	SOLE - flexural resistance	mm	5.8.4	≤ 4	0
Water vapour permeability	mg/cm2*h	5.4.6	≥ 0,8	5,1	SOLE - interlayer bond strength	N/mm	5.8.6	≥ 4	5,4
Water vapour coefficient	mg/cm2	5.4.6	≥ 15	49,8	SOLE - hydrocarbons resistance	%	5.8.7	≤ 12	1,3

SLIP RESISTANCE SPECIFICATIONS

Friction coefficient	Clause	Requirement	Test Result	Excess
Ceramic tile floor with NaLS solution (7°)	5.3.5.2	≥ 0,28	0,29	3%
Ceramic tile floor with NaLS solution	5.3.5.2	≥ 0,32	0,33	3%
Steel floor with glycerine (7°)	5.3.5.3	≥ 0,13	0,14	7%
Steel floor with glycerine	5.3.5.3	≥ 0,18	0,33	83%

STORAGE, CARE AND MAINTENANCE

Panda Safety footwear should be stored in original packaging, storage temperature should not exceed 35°C, humidity should be less than 80% and without influence of direct sunlight. Footwear should be cleaned after each use; dry off the shoes not in proximity or in direct contact with stoves or other sources of heat. Carry out the periodic treatment of the uppers with adequate products containing wax, grease, silicone, etc. Avoid contact with aggressive chemicals and extreme temperatures. Verify the good state before each use.



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