



# PRODUCT TECHNICAL SHEET ARTICLE 0937 S3 HRO SRC - "ARDITA"



Product Code ----- 0937  
 EN Standard ----- EN ISO 20345:2011  
 Safety Category ----- S3 HRO SRC  
 Range of Sizes ----- 38 - 48  
 Width (Mondopoint) ----- 11  
 Packaging ----- 6 pairs of same size  
 Metal-Free: ----- NO  
 Weight (grams/shoe - size 42) ----- 870

## MATERIALS

Upper:	Waterproof genuine leather	
Lining:	Abrasion resistant microfiber lining with antimicrobial and antibacterial "Sanitized®" treatment	
Sole:	Midsole in low density polyurethane Outsole in nitrile rubber with HRO feature	
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		Test Result
		Clause	Requirement	Test Result			Clause	Requirement	
Impact resistance	mm	5.3.2.3	≥ 14	14,5	UPPER - water penetration after 60 min	g	6.3	≤ 0,2	0,19
Compression resistance	mm	5.3.2.4	≥ 14	16	UPPER - water absorption after 60 min	%	6.3	≤ 30	2,1
Penetration resistance	N	6.2.1.1	≥ 1100	pass	LINING - water vapour permeability	mg/(cm2*h)	5.5.3	≥ 2,0	26,8
Antistatic properties (in wet condition)	MΩ	6.2.2.2	≥ 0,1	5,3	LINING - water vapour coefficient	mg/cm2	5.5.3	≥ 20	215
Antistatic properties (in dry condition)	MΩ	6.2.2.2	≤ 1000	75,5	SOLE - abrasion resistance	mm3	5.8.3	≤ 150	49,7
Energy absorption of seat region (E)	J	6.2.4	≥ 20	40	SOLE - flexural resistance	mm	5.8.4	≤ 4	0
Water vapour permeability	mg/cm2*h	5.4.6	≥ 0,8	1,2	SOLE - interlayer bond strength	N/mm	5.8.6	≥ 4	4,6
Water vapour coefficient	mg/cm2	5.4.6	≥ 15	16,9	SOLE - hydrocarbons resistance	%	5.8.7	≤ 12	1

## SLIP RESISTANCE SPECIFICATIONS

Friction coefficient	Clause	Requirement	Test Result	Excess
Ceramic tile floor with NaLS solution (7°)	5.3.5.2	≥ 0,28	0,34	46%
Ceramic tile floor with NaLS solution	5.3.5.2	≥ 0,32	0,39	28%
Steel floor with glycerine (7°)	5.3.5.3	≥ 0,13	0,2	46%
Steel floor with glycerine	5.3.5.3	≥ 0,18	0,21	22%

## 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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