



PRODUCT SHEET

SPIDER 91190 S1 SRC



DESCRIPTION

Sandals realized in genuine waterproof leather with reflecting elements and additional toe cap protection in polyurethane. Velcro straps ensure a perfect fitting. Steel safety toe cap. The sole is provided with anti-slip, anti-static, anti-torsion, anti-abrasion and shock absorbing properties/features.

MATERIALS

Upper	Waterproof genuine leather
Lining	Microfiber lining ultra breathable very abrasion resistant with antimicrobial and antibacterial treatment.
Sole	Midsole in low density polyurethane Outsole in double-density polyurethane
Protective toe cap	STEEL Impact resistance: until 200J Compression resistance: until 1500 kg

Product Code	91190
EN Standard	EN ISO 20345:2011
Safety Category	S1 SRC
Range of Sizes	36 - 48
Wide	11
Packaging	10 pairs of same size

SAFETY TECHNICAL SPECIFICATIONS

Description	Measurement Unit	EN ISO 20345:2011		Test Result	Description	Measurement Unit	EN ISO 20345:2011		Test Result
		Clause	Requirement				Clause	Requirement	
Impact resistance	mm	5.3.2.3	≥ 14	16	Upper: water penetration after 60 min	g	6.3	≤ 0,2	-
Compression resistance	mm	5.3.2.4	≥ 14	16	Upper: water absorption after 60 min	%	6.3	≤ 30	-
Penetration resistance	N	6.2.1.1	≥ 1100	-	Lining: water vapour permeability	mg/(cm2*h)	5.5.3	≥ 2,0	22
Antistatic footwear: in wet condition	MΩ	6.2.2.2	≥ 0,1	30	Lining: water vapour coefficient	mg/cm2	5.5.3	≥ 20	176,5
Antistatic footwear: in dry condition	MΩ	6.2.2.2	≤ 1000	335	Outsole: abrasion resistance	mm3	5.8.3	≤ 150	73
Energy absorption of seat region (E)	J	6.2.4	≥ 20	38	Outsole: flexing resistance	mm	5.8.4	≤ 4	0
Water vapour permeability	mg/cm2*h	5.4.6	≥ 0,8	1,4	Outsole: interlayer bond strength	N/mm	5.8.6	≥ 4	4,6
Water vapour coefficient	mg/cm2	5.4.6	≥ 15	26,7	Outsole: hydrocarbons resistance	%	5.8.7	≤ 12	2,5

SLIP RESISTANCE SPECIFICATIONS

Friction coefficient	Clause	Requirement	Test Result	Excess
Ceramic tile floor with NaLS (7°)	5.3.5.2	≥ 0,28	0,34	21,4%
Ceramic tile floor with NaLS	5.3.5.2	≥ 0,32	0,39	21,9%
Steel floor with glycerine (7°)	5.3.5.3	≥ 0,13	0,2	53,8%
Steel floor with glycerine	5.3.5.3	≥ 0,18	0,21	16,7%

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.

The data indicated in this sheet are subject to modification without notice in case of evolution in materials.

All rights reserved. No part of this sheet can be reproduced in any form without written consent.

Italian Style at work