

SAFETY

PANDA®

Italian Style at Work

TECHNICAL DATA SHEET



**SAFE
AT WORK
HAPPY
IN LIFE**



ARTICLE 6919 **S1** SRC

PRODUCT NAME
MITO S1

TECHNICAL SPECIFICATIONS



SPECIAL FEATURES



SANITIZED® LINING
Extremely breathable and abrasion-resistant microfiber lining with an antimicrobial and antibacterial treatment that prevents the development of unpleasant smells and thus guarantees a long-lasting freshness.



SANITIZED® INSOLE
Felt insole with antimicrobial and antibacterial treatment that inhibits the development of fungi and bacteria and thus prevents the formation of unpleasant smells.

Product code 6919
EN Standard EN ISO 20345:2011
Category of Protection S1
Slip Resistance SRC



35 - 50
range of size



10,5
mondopoint



10 Pairs
of same size



**NOT
REQUIRED**



660 g
(shoe - size 42)

Products range

STRONG

Item code

6919 S1 SRC

Item name

MITO S1

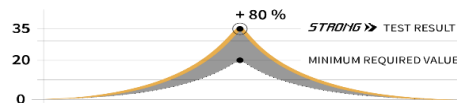


Sole



Energy absorption coefficient in the heel area

ENERGY ABSORPTION COEFFICIENT IN THE HEEL AREA



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Upper	Genuine leather "BARTON"
Lining	Internal lining with SANITIZED® treatment
Midsole	• Midsole made of polyurethane foam
Outsole	• Outsole made of high-density polyurethane with anti-static, anti-torsion and shock-absorbing function
Protective toe cap	Stainless steel with impact resistance until 200J and compression resistance until 1.500 kg
Anti-puncture plate	-
Removable insole	Made of hygienic felt with antimicrobial, antibacterial, anti-static and anti-odour properties and with SANITIZED® treatment

SAFETY TECHNICAL SPECIFICATIONS

Description	Measurement Unit	EN ISO 20345:2011 standard		Test Result
		Clause	Requirement	
TOE CAP: Impact resistance	mm	5.3.2.3	≥ 14	19,5
TOE CAP: Compression resistance	mm	5.3.2.4	≥ 14	20,5
ANTI-PUNCTURE PLATE: Penetration resistance	N	6.2.1.1	≥ 1.100	-
FOOTWEAR: Antistatic properties (in wet condition)	MΩ	6.2.2.2	≥ 0,1	4,0
FOOTWEAR: Antistatic properties (in dry condition)	MΩ	6.2.2.2	≤ 1.000	68
UPPER: Water vapour permeability	mg/cm ² *h	5.4.6	≥ 0,8	1,9
UPPER: Water vapour coefficient	mg/cm ²	5.4.6	≥ 15	25,7
UPPER: Water penetration after 60 min	g	6.3	≤ 0,2	-
UPPER: Water absorption after 60 min	%	6.3	≤ 30	-
INTERNAL LINING: Water vapour permeability	mg/(cm ² *h)	5.5.3	≥ 2,0	34,8
INTERNAL LINING: Water vapour coefficient	mg/cm ²	5.5.3	≥ 20	278,5
SOLE: Abrasion resistance	mm ³	5.8.3	≤ 150	61
SOLE: Energy absorption of seat region (E)	J	6.2.4	≥ 20	33
SOLE: Flexural resistance	mm	5.8.4	≤ 4	0
SOLE: Interlayer bond strength	N/mm	5.8.6	≥ 4	12,2
OUTSOLE: Resistance to fuel oil (FO)	%	6.4.2	≤ 12	2,4

SOLE SLIP RESISTANCE SPECIFICATIONS

Friction coefficient	Clause	Requirement		Excess
Ceramic-tile floor with NaLS (7°)	5.3.5.2	≥ 0,28	0,39	39%
Ceramic-tile floor with NaLS	5.3.5.2	≥ 0,32	0,47	46%
Steel floor with glycerine (7°)	5.3.5.3	≥ 0,13	0,17	30%
Steel floor with glycerine	5.3.5.3	≥ 0,18	0,21	16%

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.
- ✓ Each sandal, shoe, boot should be cleaned after each use; dry off the shoes not in proximity to or in direct contact with stoves or other sources of heat.
- ✓ Carry out the periodic treatment of the uppers with suitable products containing wax, grease, silicone, etc.
- ✓ Avoid contact with aggressive chemicals and extreme temperatures.
- ✓ Verify the good state before each use.

The data provided in this technical sheet are subject to modification without notice in the event of evolution in materials and/or components.
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