



PRODUCT SHEET

MISTRAL 96939 S3 SRC



DESCRIPTION

Water-resistant genuine leather ankle boots with steel toe cap and midsole. Hygienic breathable lining. Slip resistant, antistatic, anti-torsion and anti-abrasion shock absorbing sole

MATERIALS

Upper	waterproof genuine leather
Lining	breathable abrasion resistance hygienic lining
Sole	low density polyurethane midsole, high density polyurethane outsole
Protective toe cap	steel, impact resistance until 200J and compression resistance until 1500 kg
Protective midsole	steel

Product ref.	96939
EN standard	EN ISO 20345:2011
Safety category	S3 SRC
Range of sizes	36 - 48
Wide	11
Packaging	10 pairs of same size

SAFETY TECHNICAL SPECIFICATIONS

Description	Unit	EN ISO 20345:2011 clause	requirement	Result
Impact resistance	mm	5.3.2.3	≥ 14	14,5
Compression resistance	mm	5.3.2.4	≥ 14	16,0
Penetration resistance	N	6.2.1.1	≥ 1000	pass
Electric resistance				
- wet	MΩ	6.2.2.2	≥ 0,1 and	5,3
- dry	MΩ	6.2.2.2	≤ 1000	75,5
Energy absorption	J	6.2.4	≥ 20	40
Water vapor permeability	mg/cm2*h	5.4.6	≥ 0,8	1,2
Permeability coefficient	mg/cm2	5.4.6	≥ 15	16,9

Description	Unit	EN ISO 20345:2011 clause	requirement	Result
Water resistance				
- penetration	g	6.3.	≤ 0,2	0,19
- absorption	%	6.3.	≤ 30	2,1
Water vapor permeability	mg/cm2*h	5.5.3	≥ 2,0	26,8
Permeability coefficient	mg/cm2	5.5.3	≥ 20	215
Abrasion resistance	mm3	5.8.3	≤ 150	49,7
Flexing resistance	mm	5.8.4	≤ 4	0
Interlayer bond strenght	N/mm	5.8.6	≥ 4	4,6
Hydrolysis (PU soles)	mm	5.8.5	≤ 6	1

SLIP RESISTANCE

Friction coefficient	Requirement	Result	Excess
Ceramics (incline 7°)	≥ 0,28	0,51	82%
Ceramics (flat)	≥ 0,32	0,53	65%
Steel (incline 7°)	≥ 0,13	0,14	7%
Steel (flat)	≥ 0,18	0,2	11%

STORAGE, CARE AND MAINTENANCE

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

Italian Style at work

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