



PRODUCT SHEET

MONVISO 8538 S3 SRC

SAFETY

PANDA®

Italian Style at work

DESCRIPTION

High quality water repellent genuine leather boots with steel safety elements. Soft padded collar and tongue. Slip resistant, antistatic, anti-torsion and anti-abrasion shock absorbing sole.

MATERIALS

Upper	waxed full grain water resistant leather
Lining	breatheble abrasion resistance Meryl Actisystem
Sole	low density polyurethane midsole, double-density thermopolyurethane outsole
Protective toe cap	steel, impact resistance until 200J and compression resistance until 1500 kg
Protective midsole	steel

Product ref.	8538
EN standard	EN ISO 20345:2011
Safety category	S3 SRC
Range of sizes	38 - 48
Wide	11
Packaging	6 pairs of same size

SAFETY TECHNICAL SPECIFICATIONS

Description	Unit	EN ISO 20345:2011 clause	Requirement	Result
Shock resistance	mm	5.3.2.3	≥ 14	15
Compression resistance	mm	5.3.2.4	≥ 14	16,5
Penetration resistance	N	6.2.1.1	≥ 1000	1320
Electric resistance				
- wet	MΩ	6.2.2.2	≥ 0,1	15
- dry	MΩ	6.2.2.2	≤ 1000	200
Shock absorption	J	6.2.4	≥ 20	36
Water vapor permeability	mg/cm2*h	5.4.6	≥ 0,8	2,1
Permeability coefficient	mg/cm2	5.4.6	≥ 15	19,1

Description	Unit	EN ISO 20345:2011 clause	Requirement	Result
Water resistance				
- penetration	g	6.1.3	≤ 0,2	0
- absorption	%	6.1.3	≤ 30	4,2
Water vapor permeability	mg/cm2*h	5.5.3	≥ 2,0	31,5
Permeability coefficient	mg/cm2	5.5.3	≥ 20	252
Abrasion resistance	mm3	5.8.3	≤ 150	55
Flexing resistance	mm	5.8.4	≤ 4	0
Interlayer bond strenght	N/mm	5.8.6	≥ 4	8,1
Hydrocarbons resistance	%	6.4.2	≤ 12	2,5

SLIP RESISTANCE

Friction coefficient	Requirement	Result	Excess
Ceramics (incline 7°)	SRA ≥ 0,28	5.3.5.2 0,39	39%
Ceramics (flat)	SRA ≥ 0,32	5.3.5.2 0,37	15%
Steel (incline 7°)	SRB ≥ 0,13	5.3.5.3 0,14	7%
Steel (flat)	SRB ≥ 0.18	5.3.5.3 0.19	5%

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.

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