

TECHNICAL DATA SHEET

Name

MONVISO S3

Code

8538 S3 SRC

Product Range

»TOPTREKKING

Standard

S3 SRC

EN ISO

20345:2011

Weight

680 grams
(1 shoe in size 42)

Size range

38 <> 48

Mondopoint

11

Packaging

6 pairs/carton
(same size)

TECHNICAL SPECIFICATIONS



SOLE

SOLE FEATURES

THERMO GRIP

THERMO GRIP® soles feature a PU foam midsole and thermo-polyurethane outsole for superior grip, even weight distribution, thermal insulation, and anti-abrasion reinforcements.

ANATOMICAL
INTERNAL PROFILE

self
cleaning

ANTI
TORSION

ARCH
SUPPORT

PROTECTIVE ELEMENTS

UPPER

LINING

FOOTBED

STEEL
SHIELD

Heat-treated and epoxy-coated safety toe cap withstands impacts up to 200 Joules and compressions up to 15 kN. Stainless steel fibers increase durability and beveled edges enhance comfort.

STEEL
SHELL

Corrosion-resistant steel plate integrated into the outsole, protecting the foot from penetration by foreign objects.

WATERPROOF
RAMON®
LEATHER

The most durable among the full-grain leathers; it guarantees total water resistance thanks to a special tanning process.

TIGER®

Ladderproof lining, made from high-tenacity yarns, resists tearing and abrasion. Its bi-elastic structure and exceptional breathability also provide supreme comfort.

THERMO
FORMED

Removable insole that distributes weight evenly, adapts to foot morphology and has anti-static, antibacterial, and antifungal properties. A cushioned heel insert adds comfort.

EXTRA

EXTRA-COMFORT
PADDINGS

REAR
TAB



SAFETY TECHNICAL SPECIFICATIONS

Description	Measurement Unit	Requirement	Test Result
TOE CAP: Impact resistance	mm	≥ 14	16,5
TOE CAP: Compression resistance	mm	≥ 14	17,5
ANTI-PUNCTURE PLATE: Penetration resistance	N	≥ 1.100	1320
FOOTWEAR: Antistatic properties (in wet condition)	MΩ	≥ 0,1	10,1
FOOTWEAR: Antistatic properties (in dry condition)	MΩ	≤ 1.000	410
UPPER: Water vapour permeability	mg/cm2*h	≥ 0,8	0,9
UPPER: Water vapour coefficient	mg/cm2	≥ 15	15,7
UPPER: Water penetration after 60 min	g	≤ 0,2	0
UPPER: Water absorption after 60 min	%	≤ 30	2,9
INTERNAL LINING: Water vapour permeability	mg/(cm2*h)	≥ 2,0	43,8
INTERNAL LINING: Water vapour coefficient	mg/cm2	≥ 20	353,1
OUTSOLE: Abrasion resistance	mm3	≤ 150	55
OUTSOLE: Energy absorption of seat region (E)	J	≥ 20	33
OUTSOLE: Flexural resistance	mm	≤ 4	0
OUTSOLE: Interlayer bond strength	N/mm	≥ 4	9,5
OUTSOLE: Resistance to fuel oil (FO)	%	≤ 12	2,2

ADDITIONAL FEATURES

Test	Measurement Unit	Requirement	Results
Electrical resistance for ESD footwear Requirements IEC 61340-5-1:2016	mA	≤ 1,00	-
Resistance to hot contact (HRO)	-	outsoles shall not melt and develop any cracks when bent	-
Cold insulation of outsole complex (CI) 30min/-17°C (temperature decrease on the upper surface of the insock)	°C	≤ 10	-
Heat insulation of outsole complex (HI) 30min/150°C	°C	≤ 22	-
Water resistance (WR) (Total wetted area inside the footwear)	cm2	after 80 min.	-
Electric hazard resistance (EH) 18kV / 60 Hz (Electric flux)	MΩ	≤ 100	-

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 the influence of direct sunlight.
- Sandals, shoes and boots 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.

SOLE DESIGN AND PERFORMANCE



TRACTION	STABILITY	GRIP	BRAKING	SELF-CLEANING	LADDER GRIP

ENERGY ABSORPTION COEFFICIENT IN THE HEEL AREA

0	MINIMUM VALUE REQUIRED	20	TEST RESULT	40	100%
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INDUSTRIES

