TECHNICAL DATA SHEET



Code

ASPHALT

A09999 S2 PS FO HRO SR

EN ISO Standard Weight **Product Range** Size range Mondopoint **Packaging**



S2 PS F0 HR0 SR 20345:2022

750 grams (1 shoe in size 42)

38 <> 48

6 pairs/carton (same size)





















Measurement Unit



SOLE





SOLE FEATURES



Non-marking shoes have flat, durable soles with no cleats and minimal texture, designed to prevent marks. They provide traction without leaving traces on surfaces like freshly laid asphalt, ideal for road construction or

SUPER

Safety toe cap made from composite

material, shielding toes from impacts up to 200 Joules and compressions

up to 15 kN. It is non-magnetic,





LINING



FOOTBED





Test Result



layer polyester, 40% lighter than

steel, yet equally resistant up to

1,100 Newtons. It is non-magnetic,

insulating and hypoallergenic.



lent, stain, abrasion, UV-resistant

properties, and exceptional tensile

strength.

UPPER





antimicrobial properties to prevent

odors and microorganism growth.

AIRNET

*ALUTHERM® anti-static, antibacterial, and

antifungal properties, featuring an aluminum-coated underside that guarantees exceptional thermal insulation.



Requirement











Description

Description	Weasurement out	nequirement	rest nesult
TOE CAP: Impact resistance	mm	≥ 14	18,5
TOE CAP: Compression resistance	mm	≥ 14	22,5
ANTI-PUNCTURE PLATE: Penetration resistance	N	≥ 1.100	1400
FOOTWEAR: Antistatic properties (in wet condition)	MΩ	≥ 0,1	23,5
FOOTWEAR: Antistatic properties (in dry condition)	MΩ	≤ 1.000	353
UPPER: Water vapour permeability	mg/cm2*h	≥ 0,8	1,3
UPPER: Water vapour coefficient	mg/cm2	≥ 15	20
UPPER: Water penetration after 60 min	g	≤ 0,2	0
UPPER: Water absorption after 60 min	%	≤ 30	1,6
INTERNAL LINING: Water vapour permeability	mg/(cm2*h)	≥ 2,0	9,1
INTERNAL LINING: Water vapour coefficient	mg/cm2	≥ 20	75,8
OUTSOLE: Abrasion resistance	mm3	≤ 150	53
OUTSOLE: Energy absorption of seat region (E)	J	≥ 20	31
OUTSOLE: Flexural resistance	mm	≤ 4	0
OUTSOLE: Interlayer bond strength	N/mm	≥ 4	4,4
OUTSOLE: Resistance to fuel oil (FO)	%	≤ 12	2,6

ADDITIONAL FEATURES

Measurement Unit	Requirement	Results
ΜΩ	≤ 1,00	-
-	autsoles shall not melt and develop any cracks when bent	pass
°C	≤ 10	-
°C	≤ 22	-
cm2	after 80 min.	-
MΩ	≤ 100	-
	MΩ - °C °C cm2	MΩ ≤ 1,00 - autsoles shall not melt and develop any cracks when bent C °C ≤ 10 C °C ≤ 22 cm2 after 80 min.

SOLE DESIGN AND PERFORMANCE



ENERGY ABSORPTION COEFFICIENT IN THE HEEL AREA

0	MINIMUM VALUE REQUIRED	20	TEST RESULT	39	95%

INDUSTRIES



















- 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.

