TECHNICAL DATA SHEET



Name Code

POSEIDON S3 33269 S3 SRC

EN ISO Standard Weight **Packaging Product Range** Size range Mondopoint S3 SRC 20345:2022 580 grams 35 <> 48 10 pairs/carton (1 shoe in size 42) (same size)

STROM >>

TECHNICAL SPECIFICATIONS

















SOLE









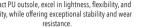
The MICROLIGHT® soles, which combine cutting-edge compounds for both the PU foam midsole and the compact PU outsole, excel in lightness, flexibility, and elasticity, while offering exceptional stability and wear







FOOTBED



PROTECTIVE ELEMENTS



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,

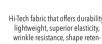


layer polyester, 40% lighter than

steel, yet equally resistant up to

1,100 Newtons. It is non-magnetic

insulating and hypoallergenic.



PUTEK

tion, and easy care.

UPPER



LINING

Made from durable multi-layer fabric, this lining offers excellent breathability and moisture wicking. It features SANITIZED® treatment to suppress microorganism growth and prevent odours.

INSOLE Removable insole made from antistatic polyurethane, featuring a polyurethane gel heel insert for

shock absorption, and treated with

antimicrobial and antibacterial agents.

SOFT-GEL



Requirement



Test Result









SAFETY TECHNICAL SPECIFICATIONS

Description

Description	weasurement out	riequirement	rest riesuit
TOE CAP: Impact resistance	mm	≥ 14	16,5
TOE CAP: Compression resistance	mm	≥ 14	19,5
ANTI-PUNCTURE PLATE: Penetration resistance	N	≥ 1.100	pass
FOOTWEAR: Antistatic properties (in wet condition)	МΩ	≥ 0,1	10,9
FOOTWEAR: Antistatic properties (in dry condition)	МΩ	≤ 1.000	68
UPPER: Water vapour permeability	mg/cm2*h	≥ 0,8	10,8
UPPER: Water vapour coefficient	mg/cm2	≥ 15	86,7
UPPER: Water penetration after 60 min	g	≤ 0,2	0
UPPER: Water absorption after 60 min	%	≤ 30	3
INTERNAL LINING: Water vapour permeability	mg/(cm2*h)	≥ 2,0	85,5
INTERNAL LINING: Water vapour coefficient	mg/cm2	≥ 20	725,9
OUTSOLE: Abrasion resistance	mm3	≤ 150	78
OUTSOLE: Energy absorption of seat region (E)	J	≥ 20	30
OUTSOLE: Flexural resistance	mm	≤ 4	0
OUTSOLE: Interlayer bond strength	N/mm	≥ 4	6,9
OUTSOLE: Resistance to fuel oil (FO)	%	≤ 12	1,2

Measurement Unit

ADDITIONAL FEATURES

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

SOLE DESIGN AND PERFORMANCE



TRACTION STABILITY GRIP BRAKING SELF-CLEANING LADDER GRIP

ENERGY ABSORPTION COEFFICIENT IN THE HEEL AREA

MINIMUM VALUE REQUIRED 20 TEST RESULT

INDUSTRIES

















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.

