TECHNICAL DATA SHEET



Packaging

Name Code

SPERIC 62599NC S1PS FO SR

Standard

S1PS F0 SR 545 grams 10 pairs/carton 20345:2011 35 <> 48 10,5 (1 shoe in size 42) (same size)

EN ISO

STROM >>

Product Range

TECHNICAL SPECIFICATIONS







Weight





Size range Mondopoint







SOLE





















PROTECTIVE ELEMENTS





UPPER



LINING

THERM FRMED

FOOTBED

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, non-conductive, and provides superior thermal insulation

SUPER

layer polyester, 40% lighter than steel, yet equally resistant up to 1,100 Newtons. It is non-magnetic, insulating and hypoallergenic.

finish, specially tanned for flexibility, durability, and adaptability in any work environment.

Microfiber lining, treated to inhibit bacterial and microbial growth, boasts exceptional breathability and superior abrasion resistance

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



Requirement





Test Result







SAFETY TECHNICAL SPECIFICATIONS

Description

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TOE CAP: Impact resistance	mm	≥ 14	15,5
TOE CAP: Compression resistance	mm	≥ 14	14
ANTI-PUNCTURE PLATE: Penetration resistance	N	≥ 1.100	pass
FOOTWEAR: Antistatic properties (in wet condition)	MΩ	≥ 0,1	12
FOOTWEAR: Antistatic properties (in dry condition)	$M\Omega$	≤ 1.000	73
UPPER: Water vapour permeability	mg/cm2*h	≥ 0,8	2,1
UPPER: Water vapour coefficient	mg/cm2	≥ 15	25,4
UPPER: Water penetration after 60 min	g	≤ 0,2	-
UPPER: Water absorption after 60 min	%	≤ 30	-
INTERNAL LINING: Water vapour permeability	mg/(cm2*h)	≥ 2,0	17,5
INTERNAL LINING: Water vapour coefficient	mg/cm2	≥ 20	139,9
OUTSOLE: Abrasion resistance	mm3	≤ 150	24
OUTSOLE: Energy absorption of seat region (E)	J	≥ 20	38
OUTSOLE: Flexural resistance	mm	≤ 4	0
OUTSOLE: Interlayer bond strength	N/mm	≥ 4	6,3
OUTSOLE: Resistance to fuel oil (FO)	%	≤ 12	3,1

Measurement Unit

ADDITIONAL FEATURES

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

SOLE DESIGN AND PERFORMANCE



ENERGY ABSORPTION COEFFICIENT IN THE HEEL AREA

MINIMUM VALUE REQUIRED 20 TEST RESULT **75%**

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.

