# **TECHNICAL DATA SHEET**



Code

#### **PANTERA S3** 92290 S3 FO SR

**EN ISO Product Range** Standard Weight **Packaging** Size range Mondopoint S3S F0 SR 35 <> 48 10 pairs/carton 20345:2022 670 grams (1 shoe in size 42) (same size)



#### **TECHNICAL SPECIFICATIONS**



**SOLE** 

















**Measurement Unit** 





**SOLE FEATURES** 



STEEL

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

design, blending light, flexible PU foam midsoles with durable, grippy outsoles made of compact PU.



**UPPER** 



**LINING** 



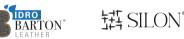








integrated into the outsole, protecting the foot from penetration by foreign objects.



Microfiber lining, treated to inhibit a polyurethane film application bacterial and microbial growth, makes this genuine leather comboasts exceptional breathability pletely water-resistant, offering and superior abrasion resistance enhanced protection.

THERM RMED

**FOOTBED** 

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**

Requirement





**Test Result** 



# SAFETY TECHNICAL SPECIFICATIONS

Description

Description	Measurement out	nequirement	lest nesult
TOE CAP: Impact resistance	mm	≥ 14	18,5
TOE CAP: Compression resistance	mm	≥ 14	18,5
ANTI-PUNCTURE PLATE: Penetration resistance	N	≥ 1.100	1240
FOOTWEAR: Antistatic properties (in wet condition)	MΩ	≥ 0,1	6,6
FOOTWEAR: Antistatic properties (in dry condition)	MΩ	≤ 1.000	155
UPPER: Water vapour permeability	mg/cm2*h	≥ 0,8	2,3
UPPER: Water vapour coefficient	mg/cm2	≥ 15	25,2
UPPER: Water penetration after 60 min	g	≤ 0,2	0,2
UPPER: Water absorption after 60 min	%	≤ 30	18
INTERNAL LINING: Water vapour permeability	mg/(cm2*h)	≥ 2,0	28,6
INTERNAL LINING: Water vapour coefficient	mg/cm2	≥ 20	229,4
OUTSOLE: Abrasion resistance	mm3	≤ 150	105
OUTSOLE: Energy absorption of seat region (E)	J	≥ 20	39
OUTSOLE: Flexural resistance	mm	≤ 4	0
OUTSOLE: Interlayer bond strength	N/mm	≥ 4	4,5
OUTSOLE: Resistance to fuel oil (FO)	%	≤ 12	0,9
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### **ADDITIONAL FEATURES**

Measurement Unit	Requirement	Results
ΜΩ	-1.00	
	≤ 1,00	-
-	autsoles shall not melt and develop any cracks when bent	-
°C	≤ 10	-
°C	≤ 22	-
cm2	after 80 min.	-
МΩ	≤ 100	-
	°C cm2	- develop any cracks when bent  °C ≤ 10  °C ≤ 22  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.

