TECHNICAL DATA SHEET



Code

PANTERA 02 FO

92290 O2 FO SR

EN ISO Product Range Standard Weight Size range Mondopoint **Packaging** 02 F0 SR 510 grams 35 <> 50 10 pairs/carton 20347:2022 (1 shoe in size 42) (same size)



TECHNICAL SPECIFICATIONS



















SOLE

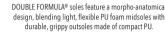
SOLE FEATURES











DUBLE

FORMULA

PROTECTIVE ELEMENTS

UPPER LINING **FOOTBED**





THERM RMED

a polyurethane film application makes this genuine leather completely water-resistant, offering enhanced protection.

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.









SAFETY TECHNICAL SPECIFICATIONS

Description	Measurement Unit	Requirement	Test Result
TOE CAP: Impact resistance	mm	≥ 14	-
TOE CAP: Compression resistance	mm	≥ 14	-
ANTI-PUNCTURE PLATE: Penetration resistance	N	≥ 1.100	-
FOOTWEAR: Antistatic properties (in wet condition)	МΩ	≥ 0,1	23
FOOTWEAR: Antistatic properties (in dry condition)	МΩ	≤ 1.000	196
UPPER: Water vapour permeability	mg/cm2*h	≥ 0,8	5,4
UPPER: Water vapour coefficient	mg/cm2	≥ 15	44,3
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	45
OUTSOLE: Flexural resistance	mm	≤ 4	0
OUTSOLE: Interlayer bond strength	N/mm	≥ 4	4,5
OUTSOLE: Resistance to fuel oil (FO)	%	≤ 12	0,9

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



ENERGY ABSORPTION COEFFICIENT IN THE HEEL AREA

	MINIMUM VALUE			- 0 = 0/
0	DEUTIDED	TEST RESULT	39	+95%

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.

