TECHNICAL DATA SHEET



Packaging

Name Code

76590 S3S FO SR **VICTOR S3**

Standard

S3S F0 SR 620 grams 38 <> 48 20345:2022 6 pairs/carton (1 shoe in size 42) (same size)

EN ISO

TOP CLASSIC

Product Range

TECHNICAL SPECIFICATIONS







Weight





Size range Mondopoint









SOLE







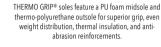












PROTECTIVE ELEMENTS



LINING

FOOTBED









THERM RMED

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

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

The most durable among the fullgrain leathers; it guarantees total water resistance thanks to a special tanning process.

Three-layer wear-resistant lining featuring a microchannel network for unparalleled breathability and antimicrobial properties to prevent

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	16
TOE CAP: Compression resistance	mm	≥ 14	19
ANTI-PUNCTURE PLATE: Penetration resistance	N	≥ 1.100	1377
FOOTWEAR: Antistatic properties (in wet condition)	МΩ	≥ 0,1	23
FOOTWEAR: Antistatic properties (in dry condition)	МΩ	≤ 1.000	326
UPPER: Water vapour permeability	mg/cm2*h	≥ 0,8	2,9
UPPER: Water vapour coefficient	mg/cm2	≥ 15	31
UPPER: Water penetration after 60 min	g	≤ 0,2	0
UPPER: Water absorption after 60 min	%	≤ 30	17
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	105
OUTSOLE: Energy absorption of seat region (E)	J	≥ 20	37
OUTSOLE: Flexural resistance	mm	≤ 4	1
OUTSOLE: Interlayer bond strength	N/mm	≥ 4	4,8
OUTSOLE: Resistance to fuel oil (FO)	%	≤ 12	0,5

Measurement Unit

ADDITIONAL FEATURES

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































- 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.

