TECHNICAL DATA SHEET



Code

HV ALFA S3 CI

6922 S3 FO CI SR

Product Range Weight Size range Mondopoint **Packaging** S3 F0 CI SR 595 grams 10 pairs/carton 20345:2022+A1:2024 35 <> 50 10,5 (1 shoe in size 42) (same size)

EN ISO





SLIP RESISTANCE GLYCERINE







WATER RESISTANT UPPER



COLD INSULATION











Measurement Unit

Standard



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

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

LADDER GRAB







Test Result









FOOTBED







Corrosion-resistant steel plate integrated into the outsole, prong the foot from penetration by foreign objects.

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

enhanced protection.

BARTON

UPPER

WOOLEN*

LINING

Crafted from 90% sheep wool and 10% synthetic materials, this lining offers durability, breathability, thermal insulation, and moisture absorption.

Antistatic and anti-odour

SANITIZED®

removable insole with SANITIZED® technology ensuring hygiene and a fresh feeling all day.

EXTRA

Requirement









SAFETY TECHNICAL SPECIFICATIONS

Description

Description	weasurement out	riequirement	restriesuit
TOE CAP: Impact resistance	mm	≥ 14	18,5
TOE CAP: Compression resistance	mm	≥ 14	19,5
ANTI-PUNCTURE PLATE: Penetration resistance	N	≥ 1.100	1281
FOOTWEAR: Antistatic properties (in wet condition)	МΩ	≥ 0,1	6,1
FOOTWEAR: Antistatic properties (in dry condition)	МΩ	≤ 1.000	138
UPPER: Water vapour permeability	mg/cm2*h	≥ 0,8	1,5
UPPER: Water vapour coefficient	mg/cm2	≥ 15	19,2
UPPER: Water penetration after 60 min	g	≤ 0,2	0
UPPER: Water absorption after 60 min	%	≤ 30	2,2
INTERNAL LINING: Water vapour permeability	mg/(cm2*h)	≥ 2,0	68,2
INTERNAL LINING: Water vapour coefficient	mg/cm2	≥ 20	546
OUTSOLE: Abrasion resistance	mm3	≤ 150	62
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	3,9

ADDITIONAL FEATURES

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

