TECHNICAL DATA SHEET



Name Code

HV ROMA 35222 S3S FO SR

Standard

Weight **Packaging Product Range** Size range Mondopoint S3S F0 SR 490 grams 35 <> 48 10 pairs/carton 20345:2022 (1 shoe in size 42) (same size)

EN ISO



TECHNICAL SPECIFICATIONS















Measurement Unit



SOLE

SOLE FEATURES



The MICROLIGHT® soles, which combine cutting-edge compounds for both the PU foam midsole and the compact PU outsole, excel in lightness, flexibility, and elasticity, while offering exceptional stability and wear



UPPER





FOOTBED



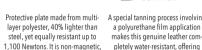


Safety toe cap made from composite

material, shielding toes from impacts up to 200 Joules and compressions



insulating and hypoallergenic.



IDRO BARTON



Three-layer wear-resistant lining

featuring a microchannel network for unparalleled breathability and

antimicrobial properties to prevent

odors and microorganism growth.

LINING

Antistatic and anti-odour removable insole with SANITIZED® technology ensuring hygiene and a fresh feeling all day.

SANITIZED®

up to 15 kN. It is non-magnetic, non-conductive, and provides superior thermal insulation **EXTRA**

Requirement



Test Result





enhanced protection.







SAFETY TECHNICAL SPECIFICATIONS

Description

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TOE CAP: Impact resistance	mm	≥ 14	14,5
TOE CAP: Compression resistance	mm	≥ 14	16
ANTI-PUNCTURE PLATE: Penetration resistance	N	≥ 1.100	pass
FOOTWEAR: Antistatic properties (in wet condition)	МΩ	≥ 0,1	10,7
FOOTWEAR: Antistatic properties (in dry condition)	МΩ	≤ 1.000	200
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	130,7
INTERNAL LINING: Water vapour coefficient	mg/cm2	≥ 20	1045,8
OUTSOLE: Abrasion resistance	mm3	≤ 150	46
OUTSOLE: Energy absorption of seat region (E)	J	≥ 20	35
OUTSOLE: Flexural resistance	mm	≤ 4	0
OUTSOLE: Interlayer bond strength	N/mm	≥ 4	6,9
OUTSOLE: Resistance to fuel oil (FO)	%	≤ 12	0,5

ADDITIONAL FEATURES

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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 45%

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.

