TECHNICAL DATA SHEET



Code

CERBIATTO CI FGL

09999 S3S FO CI HRO SR

EN ISO Standard Weight **Product Range** Size range Mondopoint **Packaging**



S3S F0 CI HR0 SR 20345:2022 38 <> 48 720 grams 6 pairs/carton (1 shoe in size 42) (same size)

TECHNICAL SPECIFICATIONS

























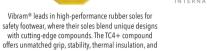






SOLE FEATURES













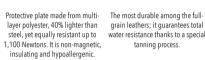
FOOTBED





Test Result





UPPER

RAMON'



LINING

Crafted from 90% sheep wool and 10% synthetic materials, this lining offers durability, breathability,

absorption.

THERM RMED Removable insole that distributes weight evenly, adapts to foot morphology and has anti-static,

properties. A cushioned heel insert adds comfort.





Requirement



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









SAFETY TECHNICAL SPECIFICATIONS

Description

Description	weasurement out	riequirement	rest riesuit
TOE CAP: Impact resistance	mm	≥ 14	16
TOE CAP: Compression resistance	mm	≥ 14	18,5
ANTI-PUNCTURE PLATE: Penetration resistance	N	≥ 1.100	1350
FOOTWEAR: Antistatic properties (in wet condition)	ΜΩ	≥ 0,1	124
FOOTWEAR: Antistatic properties (in dry condition)	МΩ	≤ 1.000	300
UPPER: Water vapour permeability	mg/cm2*h	≥ 0,8	2
UPPER: Water vapour coefficient	mg/cm2	≥ 15	22,3
UPPER: Water penetration after 60 min	g	≤ 0,2	0,1
UPPER: Water absorption after 60 min	%	≤ 30	27,5
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	70
OUTSOLE: Energy absorption of seat region (E)	J	≥ 20	37
OUTSOLE: Flexural resistance	mm	≤ 4	0
OUTSOLE: Interlayer bond strength	N/mm	≥ 4	5,9
OUTSOLE: Resistance to fuel oil (FO)	%	≤ 12	3,6

Measurement Unit

ADDITIONAL FEATURES

ADDITIONALI LATOTLE			
Test	Measurement Unit	Requirement	Results
Electrical resistance for ESD footwear	mA	≤ 1,00	-
Resistance to hot contact (HRO)	-	autsoles shall not melt and develop any cracks when bent	pass
Cold insulation of outsole complex (CI) 30min/-17°C (temperature decrease on the upper surface of the linsock)	°C	≤ 10	4
Heat insulation of outsole complex (HI) 30min/150°C	°C	≤ 22	-
Water resistance (WR) (Total wetted area inside the footwear)	cm2	after 80 min.	-
Electric hazard resistance (EH) 18kV / 60 Hz	MΩ	≤ 100	-

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.

