

SAFETY



PANDA®
Italian Style at Work

TECHNICAL DATA SHEET



**SAFE
AT WORK**
**HAPPY
IN LIFE**

Item code	Item name	Technical Specifications			SOLE - Design & Performance	
61199NC S1 SRC	NUOVO TOPOLINO C	 ANTISTATIC  SHOCK ABSORBER  SELF-CLEANING  ARCH SUPPORT  ANTI-TORSION  LADDER GRAB  HYDROCARBONS RESISTANCE  COMPOSITE TOE CAP			 DOUBLE FORMULA SOLE PU/PU SOLE  Traction Stability Grip Braking Self-Cleaning	
						
Materials & Components						
      						
EN Standard	EN ISO 20345:2011	Category of Protection	S1	Slip Resistance	SRC	
Mondopoint	10,5	Packaging	10 Pairs	Size range	35-50	
Weight (1 Shoe in size 42)	425 Gr.	MOQ (Minimum Order Quantity)	Not required	Country of Origin	ITALY	

Products range

STRONG

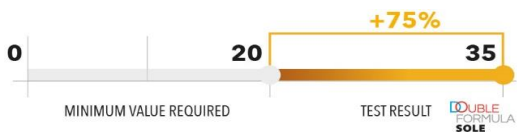
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Sole

DOUBLE FORMULA SOLE

Energy absorption coefficient in the heel area



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Upper	BARTON® leather - Genuine leather with black coated fabric inserts
Lining	SILON® - Highly breathable and abrasion-resistant microfiber lining with anti-microbial and antibacterial treatment
Sole: DOUBLE FORMULA	Midsole made of high-flexible polyurethane foam Outsole made of high-density polyurethane including anti-static, anti-torsion and shock-absorbing function
Protective toe cap	SUPER SHIELD - Made of composite material guarantees protection from bumps up to 200 J and compressions up to 15 kN
Anti-puncture plate	-
Removable insole	SANITIZED® insole - Made of hygienic felt including antimicrobial, antibacterial, anti-static and anti-odour properties

SAFETY TECHNICAL SPECIFICATIONS

Description	Measurement Unit	EN ISO 20345:2011 standard		Test Result
		Clause	Requirement	
TOE CAP: Impact resistance	mm	5.3.2.3	≥ 14	16,5
TOE CAP: Compression resistance	mm	5.3.2.4	≥ 14	14
ANTI-PUNCTURE PLATE: Penetration resistance	N	6.2.1.1	≥ 1.100	-
FOOTWEAR: Antistatic properties (in wet condition)	MΩ	6.2.2.2	≥ 0,1	4,7
FOOTWEAR: Antistatic properties (in dry condition)	MΩ	6.2.2.2	≤ 1.000	111
UPPER: Water vapour permeability	mg/cm2*h	5.4.6	≥ 0,8	2,5
UPPER: Water vapour coefficient	mg/cm2	5.4.6	≥ 15	27
UPPER: Water penetration after 60 min	g	6.3	≤ 0,2	-
UPPER: Water absorption after 60 min	%	6.3	≤ 30	-
INTERNAL LINING: Water vapour permeability	mg/(cm2*h)	5.5.3	≥ 2,0	81,1
INTERNAL LINING: Water vapour coefficient	mg/cm2	5.5.3	≥ 20	649,1
SOLE: Abrasion resistance	mm3	5.8.3	≤ 150	44
SOLE: Energy absorption of seat region (E)	J	6.2.4	≥ 20	40
SOLE: Flexural resistance	mm	5.8.4	≤ 4	0
SOLE: Interlayer bond strength	N/mm	5.8.6	≥ 4	4,8
OUTSOLE: Resistance to fuel oil (FO)	%	6.4.2	≤ 12	3,8

SOLE SLIP RESISTANCE SPECIFICATIONS

Friction coefficient	Clause	Requirement		Excess
Ceramic-tile floor with NaLS (7°)	5.3.5.2	≥ 0,28	0,28	-
Ceramic-tile floor with NaLS	5.3.5.2	≥ 0,32	0,32	-
Steel floor with glycerine (7°)	5.3.5.3	≥ 0,13	0,13	-
Steel floor with glycerine	5.3.5.3	≥ 0,18	0,19	5%

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.

All data provided in this technical data sheet are subject to modification without notice in the event of evolution in materials and/or components.

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