




# TECHNICAL DATA SHEET



**SAFE  
AT WORK**  
HAPPY  
IN LIFE

Item code	Item name	Technical Specifications	SOLE - Design & Performance
32650E S1P SRC ESD	BRINDISI S1P ESD	 ANTISTATIC  SHOCK ABSORBER  SELF-CLEANING  ARCH SUPPORT  ANTI-TORSION  HYDROCARBONS RESISTANCE  COMPOSITE TOE CAP  COMPOSITE MIDSOLE  ELECTROSTATIC DISCHARGE	<p>MICROLIGHT SOLE PU/PU SOLE Super-light compound</p>  <ul style="list-style-type: none"> <li>Traction</li> <li>Stability</li> <li>Grip</li> <li>Braking</li> <li>Self-Cleaning</li> </ul>

## Materials & Components



EN Standard	EN ISO 20345:2011	Category of Protection	S1P ESD	Slip Resistance	SRC
Mondopoint	11	Packaging	10 Pairs	Size range	36-48
Weight (1 Shoe in size 42)	450 Gr.	MOQ (Minimum Order Quantity)	Required	Country of Origin	ITALY

## Products range

# STRONG

Item code

Item name

32650E S1P SRC ESD

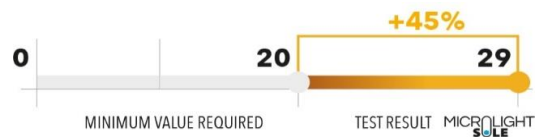
BRINDISI S1P ESD



## Sole

# MICROLIGHT SOLE

## Energy absorption coefficient in the heel area



SAFETY

## PANDA®

Italian Style at Work

[www.pandasafety.com](http://www.pandasafety.com)
[info@pandasafety.com](mailto:info@pandasafety.com)

<b>Upper</b>	<b>JACQUARD® fabric</b> - Made of polyamide yarns with tearing and abrasion resistance
<b>Lining</b>	<b>AIRNET® mesh</b> - Lining in 3-layer fabric distinguished by the "micro-channels technology"
<b>Sole: MICROLIGHT</b>	Midssole made of lightweight high-flexible polyurethane foam Outsole made of lightweight high-density polyurethane including anti-static, anti-torsion and shock-absorbing function
<b>Protective toe cap</b>	<b>SUPER SHIELD</b> - Made of composite material guarantees protection from bumps up to 200 J and compressions up to 15 kN
<b>Anti-puncture plate</b>	<b>SUPER SHELL</b> - Multilayer fabric of polyester able to withstand a penetration force up to 1.100 N on 100% of the surface of the foot
<b>Removable insole</b>	<b>ESD® insole</b> - Removable insole made of multilayer compacted felt able to discharge electrostatic build-ups including antimicrobial and anti

## 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	14
TOE CAP: Compression resistance	mm	5.3.2.4	≥ 14	16
ANTI-PUNCTURE PLATE: Penetration resistance	N	6.2.1.1	≥ 1.100	pass
FOOTWEAR: Antistatic properties (in wet condition)	MΩ	6.2.2.2	≥ 0,1	10,9
FOOTWEAR: Antistatic properties (in dry condition)	MΩ	6.2.2.2	≤ 1.000	68
UPPER: Water vapour permeability	mg/cm2*h	5.4.6	≥ 0,8	40,3
UPPER: Water vapour coefficient	mg/cm2	5.4.6	≥ 15	322,8
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	76,4
INTERNAL LINING: Water vapour coefficient	mg/cm2	5.5.3	≥ 20	611,6
SOLE: Abrasion resistance	mm3	5.8.3	≤ 150	67
SOLE: Energy absorption of seat region (E)	J	6.2.4	≥ 20	28
SOLE: Flexural resistance	mm	5.8.4	≤ 4	0
SOLE: Interlayer bond strength	N/mm	5.8.6	≥ 4	6,9
OUTSOLE: Resistance to fuel oil (FO)	%	6.4.2	≤ 12	1

## SOLE SLIP RESISTANCE SPECIFICATIONS

Friction coefficient	Clause	Requirement	Excess	
Ceramic-tile floor with NaLS (7°)	5.3.5.2	≥ 0,28	0,32	14%
Ceramic-tile floor with NaLS	5.3.5.2	≥ 0,32	0,33	3%
Steel floor with glycerine (7°)	5.3.5.3	≥ 0,13	0,17	30%
Steel floor with glycerine	5.3.5.3	≥ 0,18	0,30	66%

## 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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