

HONEYWELL AGILE SPRINTER BLUE

I Influenced by Sports Shoes

The wait is over – our first-ever range influenced by the look and feel of sports shoes is here. We designed the Honeywell Agile to live up to its name, meaning those who wear them can move quickly and easily because of the comfortable, flexible and lighter design. We created this range with an ergonomic style that mimics the foot's natural movement, so it feels like you're wearing a sock. For optimized comfort, the range comes with five accessory insocks: two are certified according to DGUV testing and three (wide, standard and narrow) feature OrthoLite® Modular Insole Fitting System that modifies the volume inside the shoe in three steps and adapts to one's foot for a perfect fit.



SPRINTER BLUE S1P SRC ESD

- Lighter composite, fiberglass toecap
- Low-cut style
- Flexible stretched textile with knitted upper
- 3D Mesh lining
- External heel counter
- EVA midsole and rubber outsole
- Patent-pending wear-off indicators
- EN 61340-5-1:2016 - ESD marking (electrical resistance)
- EN ISO 20345:2011 S1P SRC ESD
- Two DGUV 112-191 certified insocks

COMPLIANCE THAT EXCEEDS EXPECTATIONS

Workers can wear Honeywell Agile shoes with confidence knowing their protective footwear meets and exceeds safety standards for worker safety within various industries and environments. In fact, tests have shown Honeywell Agile shoes perform better than required*.

MORE PROTECTION

- **14%** more impact resistance than the standard requirements. Sprinter Blue S1P SRC ESD has an impact resistance amounting to 16, compared to the required level of ≥ 14 mm.
- **61%** more compression resistance than the standard requirements. Sprinter Blue S1P SRC ESD has a compression resistance of 22.5, compared to the required level of ≥ 14 mm.
- **34%** more slip resistance (flat position) than SRA** requirements. Sprinter Blue S1P SRC ESD recorded a value of 0.43, up against the required level of ≥ 0.32 .
- **43%** more slip resistance (heel area) than SRA requirements. Sprinter Blue S1P SRC ESD recorded a value of 0.40, up against the required level of ≥ 0.28 .
- **28%** more slip resistance (heel area) than SRB*** requirements. Sprinter Blue S1P SRC ESD provides a figure amounting to 0.23, up against the required level of ≥ 0.18 .
- **38%** more slip resistance (flat position) than SRB requirements. Sprinter Blue S1P SRC ESD provides a figure amounting to 0.18, up against the required level of ≥ 0.13 .

MORE DURABLE LINING

- **287%** more tear strength than the standard for Sprinter Blue S1P SRC ESD, unit is N, standard is 15, Honeywell value is 58.
- **720%** more water coefficient than the standard for Sprinter Blue S1P SRC ESD, unit is mg/cm^2 , standard is 20, Honeywell value is 163.9.

MORE BREATHABLE UPPER

- **915%** more water permeability than the standard for Sprinter Blue S1P SRC ESD, unit is $\text{mg}/(\text{cm}^2.\text{h})$, standard is 2, Honeywell value is 20.3.
- **203%** more tear strength than the standard for Sprinter Blue S1P SRC ESD, unit is N, standard is 60, Honeywell value is 126.
- **1,406%** more water coefficient than the standard for Sprinter Blue S1P SRC ESD, unit is mg/cm^2 , standard is 15, Honeywell value is 57.2
- **3,413%** more water permeability than the standard for Sprinter Blue S1P SRC ESD, unit is $\text{mg}/(\text{cm}^2.\text{h})$, standard is 0.8, Honeywell value is 7.1.

*) The values reflect the EN ISO 20345:2011 standard test results for the Sprinter Blue S1P SRC ESD style performed on EU size 42 samples.
**) Slip resistant soles are tested on a ceramic tile wetted with dilute soap solution.
***) Slip resistant soles are tested on smooth steel with glycerol.

INNOVATION LIVES IN THE DETAILS

200 J COMPOSITE TOECAP

- 50% lighter than steel
- Amagnetic insulation

SOLE

- 9 wear-off indicators on the outer layer
- Heel shock absorption system
- EVA comfort layer
- Rubber outsole
- Wide, deep and self-cleaning relief providing anti-slip resistance
- On steel floor: 0.18 heel (minimum standard 0.13)
- Flat: 0.23 (minimum standard 0.18)
- On ceramic floor: 0.40 heel (minimum standard 0.28)
- Flat: 0.43 (minimum standard 0.32)
- Energy absorption capacity >20 J
- Abrasion resistance: loss in volume <150 mm³ (under a 10 Newtons (1 kg) load)
- Resistance to repeated flexion optimized: >30,000
- Flexometer tested – standard: >30,000
- Resistance to fuel oil

TECHNICAL SPECIFICATIONS AND STANDARDS:

- European Regulation: (EU) 2016/425*
- Standard: EN ISO 20345:2011**
- Quality assurance: ISO 9001 Version 2015
- Marking: S1P SRC ESD
- Average weight for 1 shoe 42 size: 535 g

*) <https://osha.europa.eu/en/safety-and-health-legislation>
**) <https://www.iso.org/home.html>

OUTSOLE SLIP RESISTANCE PERFORMANCE

MARKING	SURFACE	LUBRICANT	FRICTION FACTOR: FLAT
SRA	Ceramic plates	Sodium lauryl sulfate	0.43 (minimum requirement 0.32)
SRB	Steel	Glycerol	0.23 (mimimum standard 0.18)
SRC	Meets requirements of the above 2 tests (SRA plus SRB)		

ORDERING INFORMATION

DESCRIPTION	REF.	SIZE
Sprinter Blue S1P SRC ESD	62 501 19	35-49

For More Information

sps.honeywell.com

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