# TECHNICAL DATA SHEET

## jo_SPEEDY black-blue Easy ESD S1P No. 11171 Sz. 36 - 48







## LABELLING ACCORDING TO STANDARD

| | |
|---|---|
| Standard for safety footwear EN ISO 20345 S1P | Basic requirement for S1P:<br>**A** Antistatic shoe - **E** Energy absorption in the heel - **FO** Fuel resistance - **P** Penetration resistance - Closed heel area |
| Additional requirements | **SRC** Slip resistance: Slip resistant on floors of ceramic tiles with a sodium lauryl sulfate (SLS) solution and on steel floors with glycerol. When it comes to slip resistance as defined by EN ISO 20345, SRC signifies the best possible rating a safety shoe can reach.<br><br>**HRO** HEAT RESISTANT OUTSOLE<br>Heat resistance against contact heat, also during short-term high temperatures |

## FORM

| | |
|---|---|
| Safety sandal  | Form A - in size 42, the upper height must not exceed 11.2 cm. |

## AREAS OF APPLICATION

| | |
|---|---|
| Areas of application | Dry work areas<br>Industry, storage, transport, assembly etc.<br>Areas where there is a risk of penetration from pointed and sharp objects (S1P)<br><br>Areas where there is a risk of electrostatic discharge (ESDS/ESD) |

## FEATURES

| | |
|---|---|
| ESD equipment | Thanks to its excellent discharge capability, the shoe is suitable for work in ESD sensitive or electrostatically protected areas (EPA). The shoes comply to the standard 61340-5-1. |
| Sizes (unisex model) | • Expanded size range: available in sizes 36 - 48 |
| Padded upper edge | • Excellent wearing comfort: the padded upper edge protects the Achilles tendon. |

| FEATURES | |
|---|---|
| Padded tongue | • Excellent wearing comfort: The tongue prevents pressure marks. |
| Hook-and-pile fastener | • Can be opened and closed easily and quickly<br>• Individually adjustable for optimal adaptation to the foot<br>• Improves the comfort and fit |
| No metal or leather | • Low weight<br>• Suitable for work areas sensitive to metal<br>• Does not trigger metal detectors<br>• Use around induction loops is possible<br>• Suitable for persons allergic to leather |
| **UPPER MATERIAL** | |
| Mesh material | • Areas of application S1<br>• Synthetic material<br>• Retains its shape<br>• Tear-resistant<br>• Quick drying<br>• Abrasion-resistant and light |
| Microfibre | • Synthetic material<br>• Particularly soft<br>• Retains its shape<br>• Tear-resistant<br>• Quick drying<br>• Abrasion-resistant and light |
| **LINING** | |
| Breathable fabric lining | • Climate-regulating<br>• Good ventilation<br>• Skin-friendly<br>• High absorption and emission of moisture |
| Heel pocket lining | • The abrasion-resistant microfibre material is particularly sturdy and provides for a pleasant wearing comfort. |
| **TOE PROTECTION CAP** | |
| Composite toe cap  | • Protection against impacts of min. 200 joules and pressure loading of min. 15 kN<br>• Permanent edge coverage for cushioning<br>• Ergonomically shaped<br>• Comfortable toe room<br>• Good coverage of the little toe area<br>• Low weight - weighs less than conventional steel caps<br>• 100% metal-free<br>• 100% anti-magnetic |

## INLAY SOLE

Full-length inlay sole JORI ESD



- ESD EQUIPMENT: Protection against electrostatic discharge (ESD). The full-length, exchangeable inlay sole is conductive and designed for the use in ESD safety footwear according to the standards DIN EN ISO 20345 and DIN EN 61340-5-1.
- The full-length, exchangeable inlay sole provides the highest possible comfort in safety shoes.
- The inlay sole is functionally absorbing and releasing moisture and thus provides for a pleasant foot climate.

## PENETRATION RESISTANCE

Metal-free penetration protection

The textile midsole complies with the penetration safety standard EN 12568 and furthermore fulfils the additional requirements for penetration protection in accordance with EN ISO 20344 / 20345. The light and flexible material enables an increased elasticity of the shoe, which can particularly be recognized when working on uneven grounds or on your knees.

The textile variant offers 100 % foot coverage compared to steel midsoles (foot coverage 85 % due to limits in the shoe manufacturing process). Being 100 % metal-free and antimagnetic, this equipment is used as penetration protection in safety shoes.

## OUTSOLE

jo_DYNAMIC double-density sole with profile





- Antistatic
- Excellent slip resistance

Outsole: Rubber

- Colour: black, with coloured inserts
- Profile depth: 3.0 mm
- Particularly abrasion-resistant
- Heat-resistant to approx. 200°C, for short periods to 300°C
- Flexible at cold temperatures to approx. -20°C
- Oil and fuel resistant
- Resistant to a large number of chemicals (acids and alkalis)
- Notch-resistant

Midsole: EVA (Ethylene-Vinyl-Acetate)

- Excellent damping qualities
- Low material density, thereby lower weight