

# JRJR203 JALPRINCE ESD

# J-ROYAL

ASSEMBLÉ  
EN  
FRANCE

Link-ESD

S3S SC CI FO SR  
EN ISO 20345:2022  
35 to 48



- **Microfibre upper**
- **Dissipative**
- **J-ROYAL sole with BASF's Infinergy®**
- **Type B aluminum tip and non-metallic anti-perforation type S**

- ❖ Low-profile urban sport safety shoe designed with **XL anti-fatigue technology** and a **new FIT style** that moulds the foot more closely, black color.
- ❖ Safety shoe protecting the electronic devices against electrostatic discharge phenomena. Electrostatic dissipative shoes **ESD** Environmental Class II tested according to **EN 61340-4-3/4-5/5-1**.
- ❖ Water-repellent microfibre upper, nubuck look. **TPU insert** built-in to the laces, ensuring an effective heel grip, enhanced alignment of the foot in the shoe and protection against any sprains.
- ❖ The **polyurethane toe cap**, having been **SC-rated**, complies with **EN ISO 20345:2021**, which guarantees the footwear's sturdiness and longevity, as well as its increased resistance to impacts and scuffing.
- ❖ **Soft calf leather upper lining** for absolute comfort.
- ❖ Lined and padded tongue for better protection of the instep, combined with two side gussets to prevent any material from getting inside the shoe.
- ❖ Ergonomic padded collar with compact flexible foam for extra comfort and better ankle and Achilles tendon protection.
- ❖ Lacing closure system with 5 pairs of eyelets. 120 cm flat lace.
- ❖ **SELECT'** footbed made in **soft calf leather** and **BASF Dynamic PU**, improves weight distribution and shock absorption caused by impact with the ground. Anatomical, breathable and fitted with the **Link ESD™** system, an multi-contact static electricity dissipater.
- ❖ This is a **DGUV 112-191** certified model, with the option of swapping the hygienic insole provided for a **SECOSOL®** orthopaedic insole.
- ❖ **PREM-Alu B** toe-cap in aluminium resisting an impact of an energy of 200 joules. Minimum height after test  $\geq 4$ mm in relation to the Type A toe cap in accordance with Standard **22568-1:2019**.
- ❖ The **FlexTane™ S-type** mounting insole **by Jallatte** is puncture-resistant to sharp objects up to **3mm in diameter (Small)** in compliance with standard **22568-4:2021**, antistatic, **100% composite**, sewn directly onto the upper and **covers 100% of the foot** for all-round protection
- ❖ Heel stiffener to reinforce the heel seat.
- ❖ **J-Royal's innovative** bi-component **PolyUrethane** sole / and **XL insert in E-TPU** (Expanded Thermoplastic PolyUrethane), known as **Infinergy®** from **BASF**, boasts an extraordinary energy-return capacity of over **55%** (EN ISO 8307 rebound tested), reducing fatigue and the risk of lower-limb RSI.

**Slip resistance tests results EN Standard ISO 20345:2022**

Test ground : Ceramic / NaLS (Sodium lauryl sulfate)  
A- Heel to the front **0,54** (>0,31)  
B- Front to back **0,42** (>0,36)

**Additional requirement SR** : Ceramic /Glycerin  
C- Heel to the front **0,49** (>0,19)  
D- Front to back **0,26** (>0,22)

➤ Ground contact layer in polyurethane. Double unhooked heel.

➤ **E-TPU insert XL** size at low density of **0.19**.

- As elastic as rubber but lighter.
- High resistance to abrasion and stretching.
- Good chemical resistance.
- Long-term durability in a wide temperature range.

**Dynamic performance in 3 phases: Shock Absorption – Accumulation of energy - Dynamic Return.**

**Infinergy®**

made with Infinergy® by BASF

Weight	Gross weight (42) : 1356 g / Net weight (42) : 1140 g			
Size	35 to 39	40 to 42	43 to 45	46 to 48
Packaging	5 pairs	10 pairs		5 pairs
Box shoes (mm)	335 x 210 x 130		335 x 244 x 130	365 x 260 x 133
Cartons (mm)	680 x 234 x 356	685 x 440 x 356	680 x 514 x 356	695 x 276 x 385



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