JALOPAL ESD
JQJQ104

J-QUARTZ

0% METAL

ESD

MF Light

Secosol

Air & Shock

Xetane B

S3S CI LG FO SR
EN ISO 20345:2022 + A1:2024
35 to 48



- **Upper in microfibre**
- **Dissipative**
- **J-Quartz polyurethane sole**
- **Xetane B composite toe cap and midsole no metallic S**

❖ **Versatile** urban sport safety shoe **incorporating the latest safety standards**, 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.
❖ Breathable upper lining in **3D SURF** , with honeycomb structure for improved all-round ventilation of the foot and fast-drying.
❖ Padded and lined textile tongue for instep protection with side bellows to keep out dust and dirt.
❖ Ergonomic padded collar with compact flexible foam for extra comfort and better ankle and Achilles tendon protection.
❖ Fastens by 7 pairs of non metallics eyelets. 160 cm flat black lace and a second colored lace included in the box.
❖ **Thermo-regulating, ergonomic Air&Shock** insole. Its air evacuation channel structure and perforations improve climatic comfort in the shoe, while its two-material design ensures optimum comfort when walking.
❖ This is a **DGUV 112-191** certified model, with the option of swapping the hygienic insole provided for a **SECOSOL®** orthopaedic insole.
❖ Composite toe-cap **Xétane B** bi-material resin with fibrous reinforcement resistant to 200J. Amagnetic and athermic. Minimum height after test ≥ 4mm in relation to the Type A toe cap in accordance with Standard **22568-2:2019**.
❖ 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-Quartz sole** in bi-density **P**oly**U**rethane, fitted with the **JAL'GRIP** system, an **LG-standard** double unhooked heel for good grip on ladder rungs and maximum safety when working at height.

Slip resistance tests results EN Standard ISO 20345:**2022**
Test ground : Ceramic / NaLS (Sodium lauryl sulfate)
A- Heel to the front **0,39** (≥ 0,31)
B- Front to back **0,42** (≥ 0,36)

Additionnal requirement **SR :** Ceramic /Glycerin
C - Heel to the front **0,24** (≥ 0,19)
D- Front to back **0,25** (≥ 0,22)

➤ Polyurethane outer sole bi-density :
- High resistance to abrasion and stretching..
- Heel shock absorbtion ≥ 20 joules.
- Double unhooked heel with ≥ 35 mm camber zone and ≥ 1.5 mm deep transverse studs.
- Comfort layer in 0.45 density polyurethane for greater flexibility and good shock and vibration absorption.

Weight	Gross weight (42) : 1474 g / Net weight (42) : 1258 g	
Size	35 to 42	43 to 48
Packaging	10 pairs	
Box shoes (mm)	335 x 210 x 130	335 x 244 x 130
Cartons (mm)	685 x 440 x 356	680 x 514 x 356



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