JYJY497
JALANGO ESD

SYNERGY

*International Patent

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

PULL-UP

Link-ESD



- **Water-repellent leather**
- **SINERGY sole with insert TPU Infinergy® de BASF.**
- **Dissipative**
- **Type B aluminium end cap and non-metallic anti-perforation S**

- High-top outdoor-style safety shoe, **designed with anti-fatigue technology**. Colour : black.
- 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 full-grain leather upper, pull-up finish. **Excellent waterproofness of the leather, no water penetration after 7 hours of testing**. Very good breathability (evacuation of perspiration well above the normative requirements).
- 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.
- Upper lined in breathable **3D Surf** mesh with honeycomb structure to improve the peripheral ventilation of the foot, dries out rapidly.
- Padded collar with compact flexible foam for extra comfort and better ankle and Achilles tendon protection.
- Padded tongue for good instep protection, combined with two side bellows to prevent any dirt from getting into the shoes.
- Closed by **BOA® Fit System**, delivers micro-adjustable, precision fit engineered to perform in the toughest conditions. The **BOA® Fit System** is **guaranteed** for the lifetime of the product on which it is integrated.
- **Soft** footbed made of **BASF Dynamic polyurethane** with heat sensitive memory foam and acts over the entire surface of the foot, cushions pressure points, improves weight distribution and shock absorption caused by impact with the ground. Anatomical, breathable and fitted with the **Link ESD™** system, an innovative multi-contact static electricity dissipater (Patent pending).
- **PREM-Alu** tip in aluminum **type B** resisting an impact of an energy of 200 joules. Minimum height after test ≥ 4mm 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.
- **Synergy innovative** bi-component PU/insole with **E-TPU E**xpanded **T**hermoplastic **P**oly**U**réthane insert called **Infinergy® from BASF** for exceptional cushioning and an extraordinary ability to release more than 55% of the energy accumulated during walking (Rebound test **EN ISO 8307**). Equipped with the **JAL'GRIP SYSTEM**, double normalized unhooked **LADDER GRIP, LG** marking in accordance with **standard EN ISO 20345:2021**, allows attachment to ladders and prevents the risk of falling from a height.

Slip resistance tests results EN Standard ISO 20345:**2022**
Test ground : Ceramic / NaLS (Sodium lauryl sulfate)
A- Heel to the front **0,40** (≥0,31)
B- Front to back **0,41** (≥0,36)

Additionnal requirement **SR :** Ceramic /Glycerin
C - Heel to the front **0,31** (≥0,19)
D- Front to back **0,31** (≥0,22)

- Polyurethane outer sole with special crampons for outdoor jobs.
- **E-TPU** insert at low density of 0,25.
  - 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

Weight	Gross weight (42) : 1815 g / Net weight (42) : 1582 g			
Size	35 to 39	40	41 to 45	46 to 48
Packaging	5 pairs	10 pairs		5 pairs
Box shoes (mm)	340 x 210 x 133		340 x 245 x 133	
Cartons (mm)	685 x 225 x 359	685 x 440 x 359	685 x 505 x 359	685 x 255 x 359



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