

# JYJY189

## JALFLASH SAS ESD

# J-ENERGY

\* Brevet International



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



Link-ESD



- **Water-repellent full-grain leather / textile**
- **J-ENERGY sole Infinergy® de BASF**
- **Dissipative**
- **Aluminum safety toe cap type B and midsole no metallic**

- ❖ High safety shoe of urban sport type designed with **anti-fatigue technology**. 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** and **EN 61340-5-1**.
- ❖ Water-repellent full-grain leather and déperlant textiles upper. **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.
- ❖ Breathable upper lining in **3D mesh**, with honeycomb structure for improved all-round ventilation of the foot and fast-drying.
- ❖ Padded tongue for good instep protection, combined with two side bellows to prevent any dirt from getting into the boots.
- ❖ Padded ergonomic collar in compact flexible foam, lined for extra comfort and better ankle and Achilles tendon protection.
- ❖ Lace up on seven pairs of metallic eyelets. Leather lace-loop keeps tongue in place as you walk. Black laces : 160 cm and a yellow lace in the box.
- ❖ **Soft+ Gel** 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 and multi-contact static electricity dissipater (Patent pending).
- ❖ This is a **DGUV 112-191** certified model, with the option of swapping the hygienic insole provided for a **SECOSOL®** orthopaedic insole.
- ❖ **PREM-Alu** tip in aluminium type B resisting an impact of an energy of 200 joules. Minimum height after test  $\geq 4\text{mm}$  in relation to the Type A toe cap in accordance with Standard 22568-1 : 2021.
- ❖ New manufacturing process : antiperforation inner sole and insert in **FleXtane™ By Jallatte** material, antistatic, **100% composite**. Sewn directly onto the bootstrap and covering **100% of the foot** for all-round protection.
- ❖ **100% composite** materials : lighter than steel, non-magnetic, non-conductive of heat or cold.
- ❖ Heel stiffener to reinforce the heel seat.
- ❖ Innovative **J-energy** sole in bi-ingredient PU / and **BASF Infinergy® E-TPU** (Expanded Thermoplastic PolyUrethane) insert, with a remarkable capacity to reproduce more than **55% of the energy accumulated** while walking in order to reduce fatigue and to prevent RSIs to the legs



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

Test ground : Ceramic / NaLS (Sodium lauryl sulfate)

A- Heel to the front **0,66** ( $\geq 0,31$ )

B- Front to back **0,49** ( $\geq 0,36$ )

Additional requirement SR : Ceramic /Glycerin

C - Heel to the front **0,29** ( $\geq 0,19$ )

D- Front to back **0,24** ( $\geq 0,22$ )

- Outsole in Polyuréthane.
- E-TPU insert at low density of 0.25.
  - 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 to BASF



**Jallatte®**

www.jallatte.com

Weight	Gross weight (42) : 1390 g / Net weight (42) : 1182 g			
Size	35 to 39	40	41 to 45	46 to 48
Packaging	5 pairs	10 pairs		5 pairs
Box shoes (mm)	306 x 192 x 114		340 x 210 x 133	
Cartons (mm)	585 x 199 x 315	585 x 395 x 315	680 x 425 x 350	680 x 215 x 350