J-ENERGY

JYJY216
JALHYGIE SAS ESD

S3 SRC
EN ISO 20345:2011
35 to 46



- **Microfiber upper**
- **J-ENERGY sole Infinergy ® de BASF**
- **Polymer safety toe cap type B and midsole no metallic**
- **Dissipative**

* Brevet International

- Low safety shoe of loafer type designed with **anti-fatigue technology**, color white.
- 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**.
- Microfiber upper, easy cleaning with soap and water, good resistance to fluid splashes.
- Upper lined in breathable **3D mesh** with honeycomb structure to improve the peripheral ventilation of the foot, dries out rapidly.
- Vamp lining in non-woven fabric, resists scuffing and acid perspiration.
- Snug fit thanks to elastic band underneath protective tongue.
- Ergonomic padded collar with compact flexible foam for extra comfort and better ankle and Achilles tendon protection.
- Heel stiffener to reinforce the heel seat
- **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.
- Ergonomic shoe with **broad synthetic polymer toe cap type B**, for saving on weight (50% lighter than steel) Impact resistance to **200 Joules.** Minimum height after test ≥ 4mm in relation to the Type A toe cap in accordance with Standard 22568-2 : 2021.
- 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.
- 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 : EN ISO 20345 : 2011 **Requirement SRC** (SRA+SRB)

SRA Test ground : ceramic / lubricant : water and detergent
On flat **0,62** (>0,32) – On the heel **0,48** (>0,28)

SRB Test ground steel/lubricant : glycerine
On flat **0,23** (>0,18) – On the heel **0,19** (>0,13)

- 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**

Weight	Gross weight (42) : 1100 g / Net weight (42) : 902 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



Jallatte®
www.jallatte.com

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