J-ENERGY

JY104
JALPULSE SAS ESD

S3 CI SRC
EN ISO 20345:2011
38 to 48



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

- High safety shoe of urban sport type designed with anti-fatigue technology.
- 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.
- Micro-aerated mesh lining, smooth appearance, 3 layer structure combining a textile mesh, a foam and a reinforcing grid. High mechanical strength (abrasion and tearing) and fast drying.
- Vamp lining in non-woven fabric, resists scuffing and acid perspiration.
- 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 eyelets. Leather lace-loop keeps tongue in place as you walk. Black laces : 160 cm.
- Tabs at the back for easy pull-on.
- POLYJAL footbed single-block structure made of soft polyurethane and textile, anatomical, perforated in the font part and with heel schock absorbers.
- 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 resisting an impact of an energy of 200 joules.
- 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 : 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) : 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)	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



Jallatte®
www.jallatte.com

Non contractual document
Copyright JALLATTE
Limited distribution

12/04/2021