J-ENERGY

JY209
NOA SAS ESD

S3 CI SRC
EN ISO 20345:2011
35 to 42

- **Nubuck leather**
- **J-ENERGY sole Infinergy ® de BASF**
- **Aluminum safety toe cap type B and midsole no metallic**
- **Dissipative**

* Brevet International

- Low safety feminine 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**.
- Nubuck leather upper. Black and pink color.
- 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 2 pairs of metal eyelets and 3 pairs of quick unlacing. Grey flat lace 110 cm and one pink laces provided 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 seamless, 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 ≥ 4mm in relation to the Type A toe cap in accordance with Standard 22568-2:2019.
- 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 (38) : 1312 g / Net weight (38) : 1096 g		
Size	35 to 39	40	41 to 42
Packaging	5 pairs	10 pairs	
Box shoes (mm)	306 x 192 x 114		340 x 210 x 133
Cartons (mm)	590 x 210 x 320	590 x 410 x 320	685 x 423 x 347

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