J-ENERGY

JY209
NOA SAS

S3 CI SRC
EN ISO 20345:2011
35 to 42



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

* Brevet International Déposé

- Low safety feminine shoe of urban sport type designed with **anti-fatigue technology**.
- 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.
- 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 2 pairs of metal eyelets and 3 pairs of quick unlacing. Grey flat lace 110 cm and one pink laces provided in the box.
- **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 **70% 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) : 1346 g / Net weight (38) : 1138 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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