

## JY217 JALCARBO SAS ESD

S3 SRC  
EN ISO 20345:2011  
35 to 46



- **Microfiber upper**
- **J-ENERGY sole Infinergy® de BASF**
- **Polymer safety toe cap**
- **Antistatic**

\* Brevet International

- ❖ Low safety shoe of loafer type designed with **anti-fatigue technology**, color black.
- ❖ 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
- ❖ **POLYJAL** footbed single-block structure made of soft polyurethane and textile, anatomical, perforated in the front part and with heel shock absorbers.
- ❖ 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**, for saving on weight (50% lighter than steel) and removal of perspiration from around the forefoot. Impact resistance to **200 Joules**.
- ❖ 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.



- 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® by BASF

Slip resistance tests results	
EN Standard : EN ISO 20345 : 2011	
Requirement SRC (SRA+SRB)	
SRA Test ground : ceramic / lubricant : water and detergent	
On flat <b>0,62</b> (>0,32) – On the heel <b>0,48</b> (>0,28)	
SRB Test ground steel/lubricant : glycerine	
On flat <b>0,23</b> (>0,18) – On the heel <b>0,19</b> (>0,13)	



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