



# MARLUVAS

PROFESSIONAL EQUIPMENT

## Composite Line

### 50B19 C

Safety boot with composite toe cap, padded collars, made of leather, side elastic closure, internal lining and dual density sole.



### Technical Specifications:

- Composite Toe Cap
- Cowhide Leather Uppers
- Padded collars
- Internal Lining
- Antibacterial hygienic insole
- PU dual density sole with electrical hazard resistance

**Sole:** Made of two layers of polyurethane, directly injected in the upper; softer and lighter midsole (first layer) - density 0,4g/cm<sup>3</sup>, providing more comfort; and more compact sole (second layer) – density 0,9g/cm<sup>3</sup>, sharp objects and abrasion resistant with antislip system made up of special grooves, 3mm height and 6mm width, 600V electrical resistant and top cap covering.



**Uppers:** Cowhide leather from 18 to 20 lines thick

**Trinforcement:** Termoplastic 1,5mm thick

**Tread:** Nylon nº 30.

**Standard:** NBR ISO 20345:2015

**Sizes:** From 33 to 47

**Warranty:** 36 months

**Color:** Black

**Approval Certificate:** 18051

**Upper and strap Lining:** Non-woven in short fibers with a minimum 1,9 thickness.

**Toe cap:** ultra-resilient polymer, withstanding 200J impact and compression up to 1500Kg (N) and 51% lighter than steel toe caps. It also has antimagnetic and anti-corrosive properties besides being undetectable by metal detectors.

**Obs:** Class I insulating footwear has the purpose of insulation in low voltage electrical installations up to 500 V in dry conditions. The test voltage which is 14,000 V or 14 KV is the voltage under which the footwear is subjected to verification of its properties (the leakage current is verified).

**Hygienic Insole:** Anatomically conform in EVA antifugal/antibacterial, made up of micro-stitches providing sweat absorption and desorption.

**Assembly insole:** Upper sewed by strobels system, resin and needle-polyester - 2,0mm thick

**Single shoe weight:** 0,559kg

**Height leg:** 114mm

Obs.: height leg is based on size 40 and it may vary 3,33 mm per size.

### Product Package

Plastic bag in collective box

- Sizes: L 565mm x W 300mm x H 245mm (collective box for up to 5 pairs)

- Sizes: L 414mm x W 315mm x H 505mm (collective box for up to 10 pairs)

### Technologies



Air confort woven made of polyester fibers that ensure greater softness, lightness and convenience to users



Composite TOE Comfortable, lightweight and impact-resistant composite non-metallic toe cap. withstanding 200J impact and compression up to 1500 N according to NBR ISO 20345/2015.

### Segmentos



Production Area



Construction



General Services



Electrical

Note: warranty begins from the date of production of the shoe