



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

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: 45694

Sole: Made of two layers of polyurethane, directly injected in the upper; softer and lighter midsole (first layer) - density 0,4g/cm³, providing more comfort; and more compact sole (second layer) – density 0,9g/cm³, 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.



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 strobel 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.



Production Area



Construction



General Services



Eletrical

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