

Outsole: Dual-component outsole made of one layer of polyurethane (PU) and another of rubber, directly injected onto the upper.

The first layer (midsole) is softer and lighter, with a density of 0.4 g/cm³, providing greater comfort; while the second layer (outsole) is more compact, with a density of 1.05 g/cm³, abrasion-resistant and featuring an anti-slip system with special grooves 3 mm high and 6 mm wide.

It provides slip resistance on ceramic and steel surfaces (SRC level) and heat resistance by contact up to 300 °C for one minute (HRO).

Made of smooth, water-repellent and fire-resistant vaqueta leather, chrome-tanned, with a thickness of 15 to 17 stitches (lines).

Color: black

Size range: 33 to 47.

Vamp and Quarter Lining: 100% waterproof inner sock, made of non-woven fabric with waterproof polyurethane (PU) membrane, featuring sealed seams with polyurethane adhesive tape for complete watertight protection.

Counter: 1.5 mm thermoplastic.

Toe cap: ultra-resistant polymer material, withstands impacts of 200 J and compression of 1500 kgf (N), approximately 51% lighter than steel toe caps. Features anti-magnetic and anti-corrosive properties and is non-detectable by metal detectors.

Insole board: non-metallic, made of multiple layers of 100% polyester fibers. Puncture resistant up to 1100 N, protecting 100% of the plantar surface of the foot.

Hygienic insole: anatomical EVA, shaped, composed of micro-dots that provide absorption and desorption of perspiration.

Technical Specifications

Approval: NBR ISO 20345:2015 / NBR 16603:2017.

Note: Class I insulating footwear is designed to provide insulation in low-voltage electrical installations up to 500 V, under dry conditions. The test voltage of 14,000 V (14 kV) is the voltage under which the footwear is tested to verify its insulating properties (leakage current).

Validity in use: 36 months

Note: The validity period of the equipment begins from the manufacturing date engraved on the footwear.

Weight per shoe: 0.705 kg

Boot height: 222 mm

Obs.: The boot height is based on size 40 footwear and may vary by 3.33 mm per size.

Packaging:

Dimensions: L 565 mm x W 300 mm x H 245 mm (Collective box for up to 5 pairs)

Dimensions: L 414 mm x W 315 mm x H 505 mm (Collective box for up to 10 pairs)

[For information about footwear warranty, click here.](#)

marluvas.com.br
+55 (32) 3693-4000

Rescue Line

60C39-CPAP-WP-ZP

Cód. Comercial: 700459 - C.A:42298

Safety boot (coturno type) with side zipper closure and front lace-up fastening, made of 100% smooth fire-resistant and water-repellent leather, featuring a gusseted tongue, padded collar at the back, metal-free construction, and dual-component sole.



Segmentos



Military



Mining



Steel Industry