

# Line Kombat

## 70B29-E-CPAP-VEL-ZP-TPU

Cód. Comercial: 701733 - C.A:42421

Type C safety footwear for offshore activities, featuring lace-up closure with overlapping velcro and elastic strap for greater comfort, and a side zipper. Made of black microfiber, with non-woven inner lining, composite toe cap, puncture-resistant insole, and dual-density sole with TPU anti-torsion bar.



## Segments



Production Area



Construction



Petroleum



Petrochemical

## Footwear Construction

**Sole:** Made of two layers of polyurethane (PU), directly injected onto the upper. The first layer (midsole) is softer and lighter, with a density of 0.4 g/cm<sup>3</sup>, providing greater comfort; and the second layer (outsole) is more compact, with a density of 1.0 g/cm<sup>3</sup>, abrasion-resistant, featuring an anti-slip system with special grooves measuring 3 mm in height and 6 mm in width. Slip resistance on ceramic and steel surfaces (SRC).

**Upper:** Made of brown microfiber with a thickness of 15 to 17 lines.

**Color:** black

**Size range:** 33 to 47.

**Vamp and quarter lining:** non-woven short-fiber fabric with a minimum thickness of 1.9 mm.

**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.

**Note:** Safety footwear approved according to NBR ISO 20344:2015 standard in puncture resistance tests, providing protection against sharp objects with a diameter greater than 4 mm.

**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:** 0.530 kg

**Boot height:** 190 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.](#)

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