

9610/A DEFENDER



POLICE & MILITARY

Only against minimum order quantity



- Lightweight and comfortable multiactivity half-boot, suitable also for emergencies
- Upper of full grain leather, black, water repellent treated
- New extremely light 200J safety toecap Novation RTM (Resin Transfer Moulding), made out of composite material and silicon fibers
- High quality safety shoe offering the maximum comfort level
- Good stability both for walking and running also on uneven grounds
- Lining of technical fabric with high abrasion resistance
- Padded rear flexors to improve flexibility and comfort
- New last with trekking fitting
- Excellent grip on uneven grounds and on stairs
- Extremely comfortable for long-day usage (breathability is 600% better than the European Standard EN ISO 20345 5.4.6 requirement)
- The heat insulation (sandbath test) is 20% higher than the European Standard EN 15090 6.3.1 requirement
- Outsole resistant to fuel oil with composite antiperforation insert; the sole bonding strength is 80% higher than the European Standard EN ISO 20345 5.3.1.2 requirements; SRC slip resistance.
- The energy absorption in the heel area is 50% higher than the European Standard EN ISO 20345 6.2.4 requirement
- Rear leather pull-on loop



Product name: DEFENDER
Article number: 9610/A

Upper

Full-grain cowhide leather, waterproofed, black, 1.8 – 2.0 mm thick, and 1.7 – 1.9 mm thick, very soft, for the quarters.

Collar, flexors and tongue

Full-grain soft aniline leather, waterproofed, black, 1.0 – 1.1 mm thick, padded with foam to improve fitting comfort.

Front and heel protection

Bycast leather, black, 1.8 – 2.0 mm thick

Lining

Technical fabric PA/PES with high abrasion resistance.

Toe cap

New extremely light 200J safety toecap Novation RTM (Resin Transfer Moulding), made out of composite material and silicon fibers. Asymmetric with supporting base, manufactured and tested according to the Standard EN 12568:2010. It is positioned between the leather upper and the lining, it cannot be removed without damaging the whole boot. A plastic soft padding on the upper edge of the cap protects the feet while flexing.

Heel cap

1.8 mm resinated synthetic bonded fabric, thermally modulable, glued to upper material.

Ankle protection

Heat moulded material shock-absorbing properties.

Rear loop

Leather loop 25 mm wide.

Sewing thread

Kevlar® Filament, permanent flame-retardant, black.

Laces

Meta-Aramid filament (Normex® round laces, black, water repellent treated).

Fixing hooks

Plastic hook with rustproof metal pins, for the optimum lace fixing.

Lace hooks

ZAMA alloy totally rustproof for a fast lacing.

Foot-bed

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES – 20% VISCOSE) and with an upper covering made of anti abrasion non-woven material 100% PA. in the heel area is positioned an insert of EVA foam for the best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

Antiperforation insole

Average 4.0 mm thick insole made by a multilayer construction using special antiperforation material "Zero mm Perforation" at 1100 N according to the standard EN 12568:2010. Textile antiperforation insoles, compared to the old-style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, moisture absorption, reduced weight.

Sole

Nitrile rubber cemented sole, heat resistant at 300°C, antistatic, oil and petrol resistant, high wear-resistant, slip-resistant SRC. Self-cleaning and foreign objects + debris free granted by the peculiar structure of cleats and running surface. The high energy absorption in the heel area is given by the rubber compound of the outsole, by the height and shape of its cleats. The height and shape of its inner net, with air cushion, improve both shock-absorbing but also thermal properties.

Weight/pair

Abt 1960 g (size 42)

Back height

Abt 22 cm (sole included) (size 42)

CE certificate

EN ISO 20345:2011 S3 HI HRO CI AN WR SRC - Category II P.P.E.

Size range

EU 36 – 49