

9381/GA FIRE GUARD 2.0

FIRE FIGHTERS



- The ultimate fire-fighters boot with new design and advanced wearability
- Upper of full grain leather, black, water repellent treated, and microfiber inserts (breathability is 600% higher than the European Standard EN ISO 20345 5.4.6 requirement)
- New asymmetric aluminum safety toecap 200J, very light, with a wider volume to offer a better fitting comfort
- New last with a wider fit
- Excellent grip on uneven grounds and on stairs (the outsole is 40% more durable than the European Standard EN ISO 20345 5.8.3 requirement)
- Lining GORE-TEX® Performance Comfort Footwear, excellent for various climate conditions and for outdoor activities
- Water resistant boot tested to 500.000 flexing cycles according to the European Standard EN ISO 20345-6.2.5
- Quick release system by total opening zipper easy and fast to clean and new self-locking slider
- Functional rear and front flexors to improve flexibility and comfort
- Front and rear abrasion resistant rubber protections
- 3D memory foam ankle protection
- Reinforced leather rear pull-on loop
- Outsole resistant to fuel oil, heat and flame resistant, with composite antiperforation insert; the sole bonding strength is 50% higher than the European Standard EN ISO 20345 5.3.1.2 requirements; SRC slip resistance.
- The energy absorption in the heel area is 80% higher than the European Standard EN ISO 20345 6.2.4 requirement
- The heat insulation (sandbath test) is 20% higher than the European Standard EN15090 6.3.1 requirement
- New tread with red cleats to monitor the wearing level of the outsole (according to the European Standard EN 15090 Annex C)



Product name: FIRE GUARD 2.0

Article number: 9381/GA

Upper

Full-grain cowhide leather, waterproofed, black, 2.0-2.2 mm thick

Collar

Soft aniline leather, waterproofed, black, 1.1 - 1.2 mm thick, padded with foam to improve fitting comfort.

Front and rear flexors

Flame resistant microfiber, black, 1.0 - 1.1 mm thick, padded with special foams to allow a wide range of movements.

Front and heel protection

Abrasion resistant and flame-proof rubber mixture, black, 2.1 mm thick, with profiles to attenuate the wear and tear. Glued to the upper leather using special PU cement.

Lining

Seam sealed 4-ply laminate (GORE-TEX® DURACOM CAMBRELLE) bootie construction:

Layer 1 Abrasion proof lining Cambrelle® 100%PA

Layer 2 insulating felt for transporting water vapour 100% PES

Layer 3 Waterproof and water vapour permeable membrane ePTFE

Layer 4 backing fabric knit 100% PA

Side antiperforation panels

Multilayer antiperforation fabric, with a perforation resistance of 1100 N.

Reflecting insert

Reflex Scotchlite 3M material, yellow

Toe cap

New aluminum 200J safety toecap, very light. Asymmetric with supporting base, manufactured and tested according to the Standard EN 12568:2010. It is positioned between the leather upper and the lining and 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 mouldable, glued to upper Material.

Ankle protection

Heat moulded material combined with a special padding with high shock-absorbing properties.

Zip closure

Exclusive Jolly rapid off-system with total opening zipper: the zip closure is made with the same leather quality of the upper and completed with 11 eyelets in each side, nickel-free and non-rusting, with a 5 mm inside diameter. The metal slider is running on teeth of polymeric material, which are protected by leather on the front part. New self-locking slider with ergonomic puller.

Lace eyelets

Burnished brass, non-rusting, with 5 mm inside diameter.

Laces

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

Lace-clips

At the ends of the lace are positioned 2 plastic clips with an inside spring system, to allow the optimum lace fixing.

Rear loops

Reinforced leather loop 25 mm wide.

Sewing thread

Kevlar® Filament, permanent flame-retardant, yellow.

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 8.0 mm thick composite 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: wider 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. The red cleats of the tread enable the wearer to monitor the wearing level of the outsole (according to the European Standard EN 15090 Annex C). 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 2460 g (size 42)

Back height

Abt 30 cm (sole included) (size 42)

CE certificate

EN 15090:2012 F2A HI3 CI AN SRC - Category III P.P.E

Size range

EU 36 - 49 (50-51 supplied as specials)