

9065/GA CHALLENGER EVO BOOT

FIRE FIGHTERS



LEATHER TRANSPARATION
+400%^a

RADIANT HEAT INSULATION
+50%^a

LONG LASTING SOLE
+20%^b

SOLE BONDING STRENGTH
+40%^a

HEEL ENERGY ABSORPTION
+100%^a

PENETRATION RESISTANCE
+50%^a

- The ultimate Fire-fighters boot
- High visibility PPE with CHAIN SAW CUT RESISTANCE CLASS 3 (EN ISO 17249, tested with a saw speed of 28 m/s)
- The only fire-fighter boot offering chain-saw cut resistance Class 3 currently in the market
- Ankle protection and new abrasion-resistant rubber overcap with profiles to reduce the grade of wear and tear
- Good stability both for walking and running
- Total opening zipper easy and fast to clean
- High quality materials for a long lasting boot
- High visibility PPE thanks to the red reflecting insert
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- Padded rear and front flexors for an increased fitting comfort
- Rear and front pull-on loops
- Water resistant boot tested to 500.000 flexing cycles according to the European Standard EN ISO 20345 6.2.5
- Extremely comfortable for long-day usage (breathability is 400% better than the European Standard EN ISO 20345 5.4.6 requirement)
- The heat insulation is 20% higher than the European Standard EN15090 6.3.1 requirements (sand bath test) and 70% higher than EN 15090 6.3.2 standard requirement (radiant heat)
- Excellent grip on uneven grounds
- The sole bonding strength is 40% higher than the European Standard EN ISO 20345 5.3.1.2 requirement
- The penetration resistance of the bottom is 50% higher than the European Standard EN ISO 20345 6.2.1 requirement
- The energy absorption in the heel area is 100% higher than the European Standard EN ISO 20345 6.2.4 requirement
- Outsole resistant to fuel, oil, heat and flame.
- New tread with red cleats to monitor the wearing level of the outsole (according to the European Standard EN 15090:2012 Annex C)



CHAINSAW

FLAME

ANKLE

SOFT

ALU

QRS



SRC

Product name: CHALLENGER EVO BOOT**Article number:** 9065/GA**Upper**

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

Top collar

Soft full-grain leather, black, 1.0 - 1.1 mm thick, padded with special foam to improve fitting comfort.

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 - Special bi-component waterproof and water vapour permeable protective membrane base ePTFE.

Layer 4 - Backing fabric knit 100% PA

Reflecting insert

Reflex Scotchlite 3M material, red.

Toe cap

Very light aluminium toe cap (-40% compared to steel), asymmetric with supporting base, resistant to 200 Joule, 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 mouldable, glued to upper Material.

Upper cap

Abrasion-resistant flame-proof rubber mixture, black, 3 mm. thick, with profiles to limit the wear and tear, glued to the upper leather using special PU cement.

Heel reinforcement

Abrasion-resistant flame-proof rubber mixture, black, 3.4 mm. thick, with profiles created to facilitate the removal of the boot.

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 10 couples of nickel-free eyelets, non rusting, with a 5 mm inside diameter. The metal slider is running on plastic teeth, which are protected by leather on the front part.

Ankle protection

Heat moulded material with shock-absorbing properties

Chainsaw reinforcement

Para-Aramid woven fabric (Kevlar®), 3-layers construction

Sewing thread

Kevlar® Filament, permanent flame-retardant, black

Eyelets

Burnished brass, non rusting, 5 mm inside diameter.

Laces

Meta-Aramid Filament (Nomex®) round laces, fire-resistant and water-repellent treated.

Lace-clip

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

Foot-bed

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSA), 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.

Insole

Average 8 mm thick insole made out of special anti-perforation composite textile material "Zero mm Inseforam" at 1100 Newton according to the European Standard EN 12568:2010, and completed with a plastic reinforcement as stabilizer and a felt filler on the bottom. Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity absorption, reduced weight.

Sole

New nitrile rubber cemented sole, heat resistant at 300°C, antistatic, oil and petrol resistant, slip-resistant SRC, high wear-resistant. 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 and 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 2850 g (size 42)

Back height

abt 30 cm (sole included) (size 42)

CE certificateEN 15090:2012 F2A HI₃ CI AN SRC

EN ISO 17249:2013 CHAINSAW cut resistance Class 3 Category III P.P.E.

Size range

36 - 49 (50/51 supplied as specials)