

# 840/GA1 DUTY BOOT 2.0

**Jöly**  
SAFETY FOOTWEAR

WORKWEAR & RESCUE



- Safety footwear also suitable for civil protection operators.
- Durable and comfortable.
- Good stability both for walking and running on all surfaces.
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities.
- Waterproof and breathable upper (breathability is 400% higher than the European Standard EN ISO 20345 5.4.6 requirement).
- Extremely comfortable for long-day usage thanks to the soft PU midsole.
- The cold insulation is 60% higher than the European Standard EN ISO 20345 6.2.3.2 requirements.
- Excellent grip on uneven grounds (the outsole is 80% more durable than the European Standard EN ISO 20345 5.8.3 requirement) and tread design that supports the natural movements of the foot thus reducing fatigue.
- The energy absorption in the heel area is 140% higher than the European Standard EN ISO 20345 6.2.4 requirement.
- Outsole resistant to fuel oil with metallic anti-perforation plate.
- The shoe has ESD (Electronic Discharge) properties, therefore a high capacity for dissipating electrostatic charges, and is suitable for use in the presence of devices particularly sensitive to electrostatic phenomena.



**Product name: DUTY BOOT 2.0**

**Article number: 840/GA1**

#### **Upper**

Full-grain cowhide leather, waterproofed, black 1.8 - 2.0 mm thick.

#### **Collar and tongue**

Soft aniline leather, waterproofed, black, 1.1 - 1.2 mm thick, and foam padding to improve comfort.

#### **Front protection**

Abrasion resistant black TPU, fixed to the upper with a double stitching.

#### **Lining**

Seam sealed 4 ply laminate (GORE-TEX® DURACOM MS SPORTIVE), injected bootie construction:

Layer 1 - Warp knit Lining 72%(±5%) PA / 28%(±5%) PES

Layer 2 - Functional non-woven 100% PES

Layer 3 - Waterproof and water vapour permeable membrane ePTFE

Layer 4 - Backing fabric knit 100% PA

#### **Toe cap**

The steel toe cap 200J conforms to the Standard EN ISO 22568-1:2019 and it is joined to a PVC strip to prevent damage to the inner membrane and reduce pressure marks on the inner lining.

#### **Heel cap**

1.8 mm synthetic resin bonded fabric, thermally mouldable.

#### **Anti-perforation steel plate**

It conforms to standard EN 22568-3:2019 and is directly injected into the sole, to guarantee the penetration resistance of minimum 1100 Newton.

#### **Sewing thread**

Polyester thread, 20/3 yarn count, water-repellent treated, black.

#### **Jointed open hooks**

Plastic hooks: the joints make lacing easier and faster.

#### **Lace hooks**

Rustproof burnished metal hooks, fixed with one rivet.

#### **Laces**

Round black lace, water-repellent treated.

#### **Footbed**

Anatomically shaped, made of a moisture absorbing 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, for the maximum foot comfort, which supports the foot arch and increases the energy absorption on the heel.

#### **Insole**

Felt 2.0 mm thick, suitable for injection.

#### **Sole**

The injected sole is made of special antistatic double-density polyurethane, non-slip, oil and petrol resistant, with energy absorption in the heel area, added with an ESD additive.

#### **ESD properties**

The shoe has been tested in accordance with the IEC EN 61340-5-1:2016 and IEC EN 61340-4-3:2018 regulations, and has a resistance  $R \leq x 10^8 \Omega$  when tested at 100V. Due to its high dissipative properties of the electrostatic charge, it is suitable for use in the presence of electronic devices that are particularly sensitive to electrostatic phenomena.

#### **Weight / pair**

abt. 1650 g (size 42)

#### **Back height**

abt 16 cm (sole included) (size 42)

#### **CE Certificate**

EN ISO 20345:2022 S7 CI SC FO SR ESD - Category II P.P.E.

#### **Size range**

36 – 49