



Blast Protected Combat Boot BCB1

Art.-No.: 1180002



10" Polypropylene & Leather Boot



10" Polypropylene & Sand Suede Leather Boot



10" Leather Boot



10" Sand Suede Leather Boot

SIZES*

Mondopoint	EU	Mondopoint	EU
247	39	277	43
255	40	285	44
262	41	292	45
270	42	300	46





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Features:

- Offers blast and fragment protection
- Comfortable to wear in all climates
- Can be used as a normal combat boot
- Different materials/designs available

DESCRIPTION

The boot offers the psychological comfort of knowing that operators are equipped with a measure of protection against anti-personal landmines. Critical to the operator, it also offers physical comfort in that it is flexible and light and would not impede movement while operating in any type of terrain. Two different boot types are available: Leather Boot (10") shaft, Cordura Boot (10") shaft.

CONSTRUCTION

The protection system in the boot, unique in design and application of materials, incorporates features in the upper as well as in the sole of the boot. The main protection system in the sole makes our boot very flexible and maneuverable compared to other antipersonnel landmines boots currently available on the market. Another unique feature is the weight of the boot. Even with the added protection system it weighs only about 1,150 g per boot (size 42). This makes the boots suitable for prolonged use without compromising performance by the user.





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PERFORMANCE

The boots were independently tested by the Cranfield University Ordnance Test and Evaluation Center in the United Kingdom against certain common types of anti-personnel landmines of different explosive charge sizes. The test was conducted under strict conditions against what we believe to be two of the most likely scenarios. Firstly, stepping on an anti-personnel landmine at the heel and secondly, at the ball of the foot.

The test results show that the boots can provide substantial protection against antipersonnel landmines. These tests were not uniformly successful against all antipersonnel landmine types tested, but they did show that the boots can provide substantial protection against high velocity fragments, debris and hot gas streams created during blasts from particular common types of anti-personnel landmines at certain explosive charges.

Even where substantial protection is provided, injury will occur but may be mitigated so that the wearer may still suffer broken bones and other collateral damage but the integrity of the limb might be maintained and thus could prevent permanent disabilities, possibly sparing the wearer the agony and trauma of amputation and the associated costs of rehabilitation and after-care.

However anti-personnel landmines are deadly weapons and we cannot and do not claim that the results of exposure to anti-personnel landmines will always be mitigated in a significant way by the use of the boot. Also, there is no way of knowing what type of anti-personnel landmine an infantryman might be exposed to. No two anti-personnel landmine have the same destructive characteristics. To the best of our knowledge, there is no internationally accepted standard test for testing our boots and we do not claim that our boots are 100% anti-personnel landmine-proof.

Test Pictures:



test prop



BCB1 Boot after 50g explosion on ball



BCB1 Boot after 70g explosion on heel



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SPECIFICATIONS

- Upper:**
- Leather outer shell with a smooth finish
 - Thickness – 1.4mm to 1.6mm
 - Type-soft, durable full grain waterproof leather upper from the USA
 - Finish waxed
 - Intermediate Protection System
 - Woven Aramid
 - Specific density – 1.44g/m³
 - Tenacity – 230mN/dtex
 - Modulus of elasticity – 90 Gpa
 - Elongation at break – 3.3%
 - Water resistant laminate – polyurethane materials
 - Water resistant seams – polyurethane materials
 - Waterproof Cambrella lining
- Sole:**
- Protective sole system
 - Sole base of lightweight dual density direct rubber soling
 - Lacing system
 - Comprises a set of eyelets, loop-hole hooks and rivets allowing full
 - adjustability and quick release
- Weight:** approx. 2,300 g per pair (size 42)

