

TACTICAL BOOT
(REF. GTE01L – PU/PU)

TECHNICAL SPECIFICATION

ENISO 20347:2004 O1



1-SUBJECT

This specification covers the technical specifications, control and test methods of Tactical Boot – style ref.GTE01L – PU/PU.

All tests are made in accordance with the European Norm ENISO 20344:2004 and the product is complying with the European Norm ENISO 20347:2004

2- SPECIFICATIONS

A. GENERAL

All materials provide comfort and flexibility.

Padded collar and tongue for comfort.

Light weight

Sole : “Direct injection and moulded”, “Double Density Polyurethane”

Breathable and sweat absorber lining

Size range is between 36 – 48 French Sizing / 3 – 13 British Sizing

Sole design : T Project – Plastic last : 1900DIN

Standards : EN ISO 20347:2004 – O1 and NATO Specs

B. TECHNICAL SPECIFICATION

UPPER LEATHER :

Upper Material :	Full grain genuine Cow leather
Colour :	Black
Thickness :	1.8 mm (minimum)
Breaking strength :	20 N/mm ² (minimum)
Tearing strength :	140 N (minimum)
pH :	3 (minimum)

TONGUE & COLLAR LEATHER :

Material :	Full grain Calf leather
Colour :	Black
Thickness :	0.9 mm (minimum)
Breaking strength :	2 kg/mm ² (minimum)
Tearing strength :	2.5 kgf (minimum)
pH :	3 (minimum)

LINING :

Property :	Breathable, sweat absorber, anti-bacterial
Material :	Woven knitted polyamide textile
Abrasion :	Dry - 25600 revs (minimum) Wet - 12800 revs (minimum)

Tearing strength : Warp : 2.5 kgf (minimum)
Weft : 2.5 kgf (minimum)

LASTING INSOLE BOARD :

Property : Anti-static, anti-bacterial, sweat absorber
Material : Non-woven bonded fibre board
Thickness : 2 mm (minimum)
Cracking angle : 90 degree (minimum)
Support : Steel shank

SUPPORTS :

Toe cap support : Thermoplastic fibre board
Thickness : 1,0 mm (minimum)
Stiffener support : Thermoplastic fibre board
Thickness : 1,6 mm (minimum)

ACCESSORIES AND OTHERS :

Sewing thread: The yarns shall be in polyester or polyamide (non-wicking)
Inlay Sole : Anti-static, sweat absorber, anti-bacterial, removable , washable
(Sock insert) Material : Non-woven fabric coated felt
Lace : Polyester or polyamide
Length and colour is according to the boot
Hooks : Rust proof, easy roller, easy lock and easy fastener

SOLE :

Property : - Direct Injection and Moulded : It provides durability and resistance against sole-upper separation
- Midsole :Polyurethane , Expanded midlayer provides cushioning and comfort as well as flexibility.
- Outsole : Polyurethane, Compact outlayer provides durability
- High performance and flexibility
- Light weight
- Anti-staticness (A) : It provides to minimize electrostatic build up to avoid the risk of spark ignition.
- Energy Absorbing Heel (E) : It provides comfort when jumping walking, running , etc. by absorbing downward force in excess of a body weight. It is to absorb a minimum energy level 20 joules to take the shock out of the heel area
- Hydrolysis resistance: It provides durability on sole against very humidity, hot and cold weather conditions and longer self life for products at international storage terms

- Oil resistant outsole (FO): The sole will not swell or become brittle and crack when worn in harsh industrial environments
- Slip resistant outsole in accordance with EN 13287:2004 Standard
- Heat resistant outsole up to 110 °C degree

3 – QUALITY ASSURANCE

All raw materials before production and all finished products after production are being tested in our laboratory which has been accredited by SATRA International Notified Body in UK and by Turkish Standard Institute (TSE) .

It is supported by the implementation of ISO 9001:2000 Quality System Certificate and membership of SATRA (international laboratory in U.K.) to audit and test the product.

Product is in accordance with European Standards called ENISO20347:2004 marked with CE label.

CE label is stitched inside tongue or/and stamped on boot and each pair bears this CE marking (if required)..

Example of marking (stamp or textile label on tongue);

CE 0321	CE Mark – Notified Body Number
EN ISO 20347:2004	Standards / Norms
O1	Additional Markings
GTE01L	Type of designation
Size 42 (8)	Size detail (French / UK sizing)
9 / 2008	Month / Year of manufacture

Each pair of boot has a customer information leaflet which is put in inner boxes. This leaflet includes information about product, standard and product care.

4 - LABELLING AND PACKAGING

The single boot in each box separated by tissue paper or polypropylene paper to prevent them from coming into contact.

Each pair of footwear is packed in a box with handle in corrugated cardboard inner boxes. The inner boxes shall be placed in outer boxes made of double wall cardboard having, with 10 pairs in each outer box.

On one side of the inner box the indications below is printed on a sticker with clearly visible characters.

- exact name, reference and/or article of the product contained;
- size details of the product contained;

The outer boxes shall be closed and sealed with adhesive tape on all the flaps.

On one side of the outer boxes the indications below is printed on a sticker with clearly visible characters.

- name of the supplier company (if required);
- exact name, reference and/or article of the product contained;
- quantity of the product contained;
- size details of the product contained;

Final packaging shall maintain enough protection to prevent any damage of goods under normal shipment and handling conditions.