

**LIGHT WEIGHT FIELD BOOT
(REF. ML 100 C BLACK With Side Zipper)**

TECHNICAL SPECIFICATION

**NATO STOCKS NR : 8430270168975
CE ENISO 20347:2004 O1**



1-SUBJECT

This specification covers the technical specifications, control and test methods of Long neck field boot – style ref. ML 100 NV Black.

The following NATO Stock Numbers (NSN) is covered by this specification:
NATO STOKS NR. 8430270168975

2- SPECIFICATIONS

A. GENERAL

This boot is designed according to the field conditions. All materials provide comfort and flexibility .

Full grain good quality cow leather in black colour

Padded collar for comfort

Breathable linings

The zipper on side for Easy fastenning

Eyelets are resistant against rust.

Supported ankle and toe

Sweat absorber , anti-bacterial, anti-static sock insert (inlay sole)

Available fittings are medium and large

Direct injection double density polyurethane sole

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

Standards : NATO and European (ENISO 20347 – O1)

B. TECHNICAL SPECIFICATION

LEATHER :

Upper Material :	Cow leather
Colour :	Black
Thickness :	1.8 mm (minimum)
Breaking strength :	2.2 kg/mm ² (minimum)
Tearing strength :	2 kgf/mm (minimum)
pH value :	3,2 (minimum)

QUARTER / CANVAS :

Material :	Nylon 6.6 Cordura by Invista
Colour :	Black
Property :	Water Resistant
Breaking strength :	Warp : 275 kgf (minimum) Weft : 230 kgf (minimum)
Tearing strength :	Warp : 35 kgf (minimum) Weft : 35 kgf (minimum)
Water Repellency :	4 (minimum)
Colour Fastness :	4 (minimum)

LINING :

Property :	Breathable and sweat absorber
Material :	Non-woven textil (cambrelle)
Abrasion :	Dry - 25600 revs (minimum) Wet - 12800 revs (minimum)
Tearing strength :	15 newton (minimum)

LASTING INSOLE BOARD :

Property :	Anti-static , Anti-bacteriel and sweat absorber
Material :	Non-woven fibre board
Thickness :	2,5 mm (minimum)
Cracking angle :	90 degree (minimum)

SUPPORTS :

Toe cap support :	Thermoplastic
Thickness :	1,8 mm (minimum)
Ankle (stiffener) support :	Thermoplastic
Thickness :	1,6 mm (minimum)

ACCESSORIES AND OTHERS :

Eyelets (holes) :	9 pairs per boot Rustproof
Zipper :	Rough plastic 20 cm (minimum)
Sewing thread:	100 % polyester or 100 % polyamide
Laces:	100 % polyester or 100 % polyamide Length: According to the boot

SOLE :

Property :	Double density polyurethane Light weight , flexibility , high performance and comfort Direct injection: It provides durability and resistance against sole-upper separation Anti-static : it provides to minimize electrostatic build up to avoid the risk of spark ignition. Energy Absorbing Heel : it provides comfort when jumping walking, running , etc. by absorbing downward force in excess of a body weight Oil Resistant Slip resistant
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	Heat resistant up to 110 °C degree
Material :	Polyurethane
Colour :	Black in two layers
Slip resistance :	0,4 (minimum)
Flexing resistance :	4 mm (maximum)
Abrasion resistance :	If density < 0,9 : volume loss 250 mm ³ (maximum) If density > 0,9 : volume loss 150 mm ³ (maximum)
Tearing strength :	8 kn/m (minimum)
Energy absorbtion :	20 joules (minimum)
Electrical resistance :	0,1 mega ohm (minimum) – 1000 mega ohm (maximum)
Upper / outsole bonding:	4 Newton/m (minimum)

3 – QUALITY ASSURANCE

All raw materials before production and all finished products after production are being tested in our inhouse laboratory which has been accredited by Turkish Accreditation Agency (TURKAK) and SATRA international notified body.

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

Product is according to NATO standard.

Product is according to European Standards called ENISO 20347 and marked with **CE** label (if required).

P0001 : Manufacturer reference

CE ENISO 20347 – 1 : Number of European standard of occupational footwear
For professional use

O1 : Type of classification

G550-01 : Product group identification

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

4 - LABELLING AND PACKAGING

LABELLING:

According to customer request, CE label is stitched inside tongue and each pair bears this CE marking.

Each inner box bears a label sticker, which shows product name, NATO stocks number and size of the boot.

Each outer box bears a label sticker, which shows product name, NATO stocks number and size of the boot and quantity pairs.

PACKAGING:

Each pair of boot is packed separately in tough cardboard box (inner box). Then one set will be packed together.

10 pairs of boots are packed in a ripped cardboard box (outer box). This quantity can be changed according to customer requirement.

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