

OFFICER BLACK SHOE  
( REF. DIPLOMAT05 BLACK SHOE )  
( WITH LEATHER SOLE )

**TECHNICAL SPECIFICATION**  
NATO STOCKS NR. 8430270540173  
CE ENISO 20347:2004 SB O1 FO ORO



## **1-SUBJECT**

This specification covers the technical specifications, control and test methods of Officer Black Shoe – style ref. Diplomat05 Black Shoe (Leather sole ).

The following NATO Stock Numbers (NSN) is covered by this specification:  
NATO STOKS NR. 8430270540173

## **2- SPECIFICATIONS**

### **2.1. GENERAL**

- This shoe is designed according to the office conditions. All materials provide comfort and flexibility.
- Full grain, good quality cow leather in black colour and free from defects like cracks, rotten, burnt, scorched etc. Split leather is never advised for uppers.
- Padded collar for high comfort
- Supported toe and back heel
- Light weight
- Footbed : Micro fiber coated opencell PU – Anti-static, sweat absorber, anti-bacteria
- Leather cemented sole, TPU injected part is providing slip resistance
- Size range is between 38 – 48 Continental Sizing / 5 – 13 British Sizing
- Sole design : Half TPU injected Leather sole – S project plastic last

### **2.2. TECHNICAL SPECIFICATION**

#### **2.2.1. UPPER LEATHER :**

Upper Material :	Full grain genuine Cow leather
Colour :	Black ( Shiny finish )
Thickness :	1.6 mm ( +/- 0.2mm )
Breaking strength :	2.5 kg/mm <sup>2</sup> ( minimum )
Tearing strength :	2 kgf ( minimum )
pH :	3,2 ( minimum )
Flexibility :	No deformation at 50000 cycles ( minimum )
Water Absorbtion :	No Penetration before 60 mins
And Penetration	Water Absorbtion 30% ( maximum ) Water Penetration: 2g ( maximum )

#### **2.2.2. LINING :**

Property :	Breathable and Resistant against odor and mildew
Material :	Natural tanned leather
Thickness :	0.8 mm ( minimum )
Breaking strength :	1.5 kgf / mm <sup>2</sup> ( minimum )
pH :	3,2 ( minimum )

### **2.2.3. 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

### **2.2.4. SUPPORTS :**

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

### **2.2.5. ACCESSORIES AND OTHERS :**

Eyelets (Hole):	5 pairs , black colour
Sewing thread:	Polyester or Polyamide
	Breaking strength : 30N ( minimum )
Inlay Sole ( Footbed ) :	Micro fiber coated opencell PU – Anti-static, sweat absorber, anti-bacterial
Laces:	Polyester or Polyamide
	Breaking strength : 500 N ( minimum )
	Length: According to the shoe

### **2.2.6. SOLE :**

- Sole Technology :	Cementing
- Material :	Bonded Leather
- Slip resistance :	TPU injected part provides resistance to slip
- Thickness :	min. 4 mm
- Flexibility :	No cracking at 90 degree
- Fat ratio :	Min. 4 %

## **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 Turkish Standard Institute (TSE ) and by SATRA International Notified Body in UK.

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.

## **4 - LABELLING AND PACKAGING**

### **4.1. LABELLING:**

Each inner box bears a label sticker, which shows product name and size of the shoe.

Each outer box bears a label sticker, which shows product name, size of the shoe and quantity pairs inside box.

#### **4.2. PACKAGING:**

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

10 pairs of shoe 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.