

Directorate General CRPF
Block No. 1 CGO Complex, New Delhi-110003
(Govt. of India/Ministry of Home Affairs)
(Phone / Fax- 011-24360155)
(E-Mail- digprov@crpf.gov.in)

No.U.II-98(Spec)/2024-25-Prov-(S/U-VIP)-14

Dated, the 5th August' 2024

To

The DsG: AR, BSF, CISF, ITBP, NSG, SSB and BPR&D

Subject: QRs/Specification of "Tactical Shoes for VIP Security Personnel of CRPF".

It is to convey that the QRs/Specification in respect of "**Tactical Shoes for VIP Security Personnel of CRPF**" has been approved by the competent authority.

2. Henceforth, VIP Security (CRPF) will procure the above item required by them, strictly as per the parameters laid down in the QRs/Specification.

3. This has the approval of DG, CRPF on 31/07/2024 (empowered vide MHA letter F. No. 11012/02/2009-Fin-I-17 dated 02/01/2018).

Encl: QRs/Spec. of Tactical Shoes (VIP-CRPF).

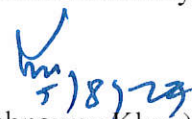

(Shahnawaz Khan)
DIG (Prov) Dte

No.U.II-98(Spec)/2024-25-Prov-(S/U-VIP)-14

Dated, the 5th August' 2024

Copy forwarded to:-

1. SO (IT), North Block-with request to upload the approved QRs/Specification of "**Tactical Shoes for VIP Security Personnel of CRPF**" on MHA Website (e-mail ID : soit@nic.in).
2. **Sh. Paritosh Singhal, ACEO(GeM), and Sh. Abhishek Kakkar, Director - Category Management**, Government of India, Ministry of Commerce & Industry, Government e-Marketplace, Jeevan Tara Building, 5-Parliament Street, New Delhi-110001 with request to upload the approved QRs/Specification of "**Tactical Shoes for VIP Security Personnel of CRPF**" on GeM Portal.
3. DIG (IT), Dte Genl., CRPF-with request to upload this approved QRs/Specification of "**Tactical Shoes for VIP Security Personnel of CRPF**" on CRPF Portal and Selo Module.
4. All Zones/Sectors/GCs/Units (including VS Wing) HQR for information and necessary action.


(Shahnawaz Khan)
DIG (Prov) Dte

PART – VI

SPECIFICATION OF TACTICAL SHOES FOR VIP SECURITY
(VS) UNITS OF CRPF

Description:

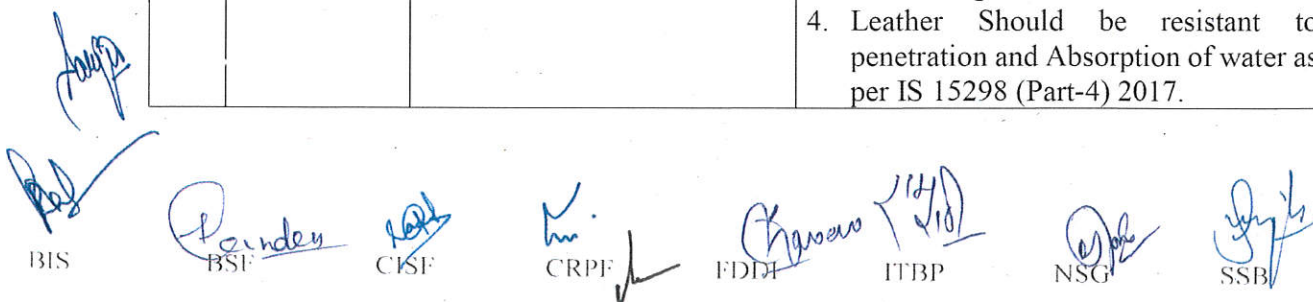
Type of Footwear : Tactical Shoes for VIP Security personnel
Design : "C" Combat Boot conforming to 15298 (Part-4)* : 2017 or latest standard.
Colour : Black or decided by Consignee.
Size : **6-12 UK Size Fitting.**

General Information:

1. The boot should be light weight made of full grain water-repellent leather and textile of PU coated nylon fabric of 1000 Denier with 04 mm PU foam finish covered with backer. The mass of one pair shoe should not exceed 1500 gram per pair.
2. The Boot shall be manufactured with cleated nitrile rubber out sole with antistatic property, anti-slip design and Phylon as a mid-sole using broad toe last. The rubber outsole should be extended to the tip of toe and shall be stitched.
3. Outside Counter shall be protected by TPU patch stitched with upper. The colour of patch should be as per colour of upper.
4. Additionally, 6 inch \pm 0.5 inch YKK, VISLON Nylon zip shall be attached with inner side of Boot. The Boot shall be so designed that when Boots are worn, the runner of the Zip shall be suitably secured with leather strip and Velcro.
5. A jug loop should be provided of width 25.0 ± 1.0 mm made up of woven Nylon type.
6. Picture of Combat Boot (Tactical Shoe) for reference purpose only.

Specification: -

Sl. No.	Item	Description	Test requirement (As per IS-15298:2017, Part-4) *
1.	Type	Design C Combat Boot (Tactical Shoe)(IS-15298)	
2.	Construction	Cemented Construction	
3.	Upper Leather	Plain corrected grain (CG) leather of thickness 2.0 mm \pm 0.2 mm. Split leather should not be used in upper	1. Tear Strength should not be less than 150 N . 2. Tensile Strength should not be less than 18 N/mm² . 3. Water Vapour Permeability should not be less than 0.8 mg/cm ² -h and Water Vapour Coefficient should not be less than 15 mg/cm ² . 4. Leather Should be resistant to penetration and Absorption of water as per IS 15298 (Part-4) 2017.



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4.	Tongue	Full Bellow type padded tongue of PU coated nylon fabric of 1000 Denier Material with 10 mm (min) foam thickness.	Tear Strength should not be less than 18 N
5.	Collar	Padded Collar of PU coated nylon fabric of 1000 Denier material for Ankle support with 20 mm (min) foam thickness	1. Tear Strength should not be less than 18 N. 2. Martindale Abrasion: Dry condition: 25600 cycles min. Wet Condition: 12800 cycles, min.
6.	Vamp Lining	Vamp to be made of non-woven material of 280±10 GSM.	1. Tear Strength should not be less than 15 N. 2. Martindale Abrasion: Dry condition: 25600 cycles min. Wet Condition: 12800 cycles, min.
7.	Quarter and Tongue Lining	Breathable <i>Nylon</i> Textile Functional Lining with PU foam of thickness 3 mm. and 180 GSM, Colour of lining should as per colour of upper.	1. Tear Strength should not be less than 15 N. 2. Martindale Abrasion: Dry condition: 25600 cycles min. Wet Condition: 12800 cycles, min.
8.	In- Socks	Min 3.0 mm thick at fore part and 8 mm at Heel moulded PU In-socks laminated with non-woven fabric.	1. Martindale Abrasion: Dry condition: 25600 cycles, min. Wet condition: 12800 cycles, min. 2. Cushioning energy.
9.	Insole	Insole board Sheet, Minimum Thickness of 1.75 mm	1. Water Absorption (70 mg/cm ² , min.) and Desorption (80%, min.)
10.	Sole	Unit Sole Cleat Height: 2.5 mm Minimum Heel Height: 30 mm ±5mm Front Height: 20 mm±2mm When measured from outside of finished Boot.	1. Sole Thickness 2. Tear Strength 3. Abrasion 4. Flexing 5. Interlayer bond strength (As per IS-15298(Part-4)2017)
11.	Height of Upper	Height of Upper should be as per IS-15298 (Design -C).	
12.	Lace	Round Nylon lace of 170±10 cm in length	1. Breaking strength: 400 N minimum 2. Tag strength: 140 N minimum When tested as per IS 15844, Part -1 : 2023
13.	Velcro strip fastener	20 mm wide Velcro strip each attached with leather strip and collar to secure the zip.	Table-9 of Clause 4.11 of IS-15844(Part-1):2023

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14.	Eyelet/ Hook	5 sets of brass Eyelets with enamel coating of black colour and 3 sets of Hooks (of brass with black enamel coating) on each quarter facing.	
15.	Toe puff/ Counter	Heat activated Thermoplastic Sheet of Minimum thickness of 1.4 mm.	
16.	Thread	Upper should be stitched with Nylon thread TKT-20 . Double stitching shall be done and the colour of thread shall match with colour of upper. test requirement as per IS 15298 (Part 4): 2017 (latest amendments)	
17.	Other Tests for Complete Footwear		<ol style="list-style-type: none"> 1. Bond Strength (Upper to Outsole) 2. Slip Resistance (SRA) 3. Water Resistance 4. Energy Absorption <p><i>As per IS-15298(Part-4):2017</i></p>
18.	Certification	Manufacturer should submit test certificate from Central Leather Research Institute (CLRI), Chennai or Footwear Design and Development Institute (FDDI), Noida	
19.	Warranty	One year form the date of acceptance of lot. Vendor will replace shoes, if any defect is noticed in the footwear during one year. Vendor shall give confirmation on letter head along with tender documents for the same.	
20.	Marking	Month/Year of manufacturing shall be marked on sole and ISI marked as per IS:15298 (Part-4):2017 on tongue.	
21.	Packing	One shoe box with 10 pairs of shoes in the corrugated carton with lamination to protect water ingress.	
22.	Size	Size 6 to 12	

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23.	Inspection, Testing and performance parameters:	
a.	Inspection Requirement (as per IS-17012) to ensure quality:	
	Inspection of Finished Product: Visual Defects, Finish and Dimensions.	All finished Boot Pairs shall be examined visually for surface defects, finish and dimensions. Only those shoes pairs, which are satisfactory in all respects, shall be considered acceptable. Vendor shall submit test certificate in support of the supplied shoes meeting the test requirements as per IS- 15298 (Part 4) :2017 (latest amendments)
b.	Lab Test	
	Lab test to Ensure the quality	Samples from each lot will be picked up as per IS-17012 by FDDI or CLRI or other testing agencies suggested by the buyer.
c.	Inspection before dispatch of lot	Vendor shall arrange to carry out inspection with FDDI or CLRI or other testing agencies suggested by buyer at their location before dispatch.
24.	Performance Guarantee	The Boot shall be guaranteed against any manufacturing defect for period of 12 months form the date of acceptance of lot. In case of any shoe found with manufacturing defects, shall be replaced by the vendor without any extra cost to consignee within one month of defect reporting date
25.	Chemical Requirement	As per IS-17011:2018, Table -I Category (i) & (ii) to ensure quality:
26.	Heat and Cold Insulation	As per IS-15298:2017, part-4 to ensure quality:

* IS 15298(Part-4):2017 with enhance value.

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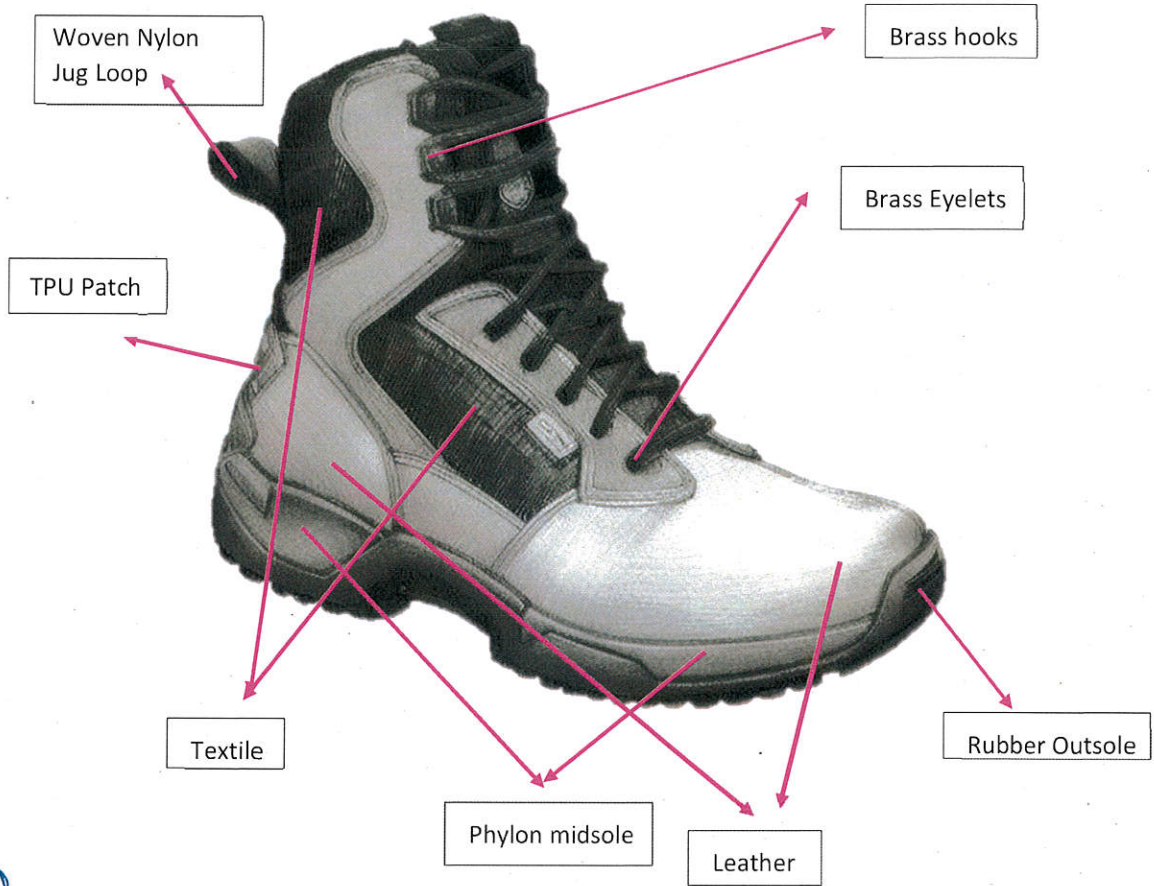


Figure of Tactical Shoes

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Approved/Not Approved

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 Anish Dayal Singh, IPS
 Director General CRPF