

TENDER NOTICE No. UGVCL/SP/IV/1153/Gum boot

Specification for Polyvinyl Chloride (PVC) Industrial (GUM) Boot

Sr. No.	Particular	Specification	
	Certification	Certification IS 15298: Part 1 & 2 design D OR IS 12254	
1	Design	High knee Safety designed for maximum safety and comfort anatomically shaped lasts with curved heel and rounded edges.	
2	Height	Minimum 255mm (measured from outside without heel height) for all sizes 5 -11 as per IS 15298 (Part):2011/ISO 20344-2004 Designed D.	
3	Material Process	Manufactured by PVC Direct Injection Process.	
4	Upper	Material	Finest virgin soft PVC as per IS 15298
		Relative Density	Not more than 1.25
		Color	Black
		Thickness	1 mm min
		Thickness	Not less than 3 mm at any point
		Tensile Strength	1.3-4.6 N/mm ² (min)
		Elongation	250% min
		Flexing Resistance	Min 1,50,000 flex/cycle as per IS:12254:1993(5.9)
		Hardness	42 to 59 Shore A
5	Sole	Material	Finest virgin soft PVC as per IS 15298
		Color	Grey
		Manufacturing process	Direct Injection process
		Relative Density	Not more than 1.25
		Heat Resistance	No Damage/Crack at 100 degree C within 1 Minute of hot contact as per testing method in IS-15298 Part-1,ISO 8782-1:1998 Clause No.5.18 (AS per IS)
		Shore Hardness	50 to 67 Shore A
		Tear Strength	8 KN/m (min)
		Abrasion Resistance	250 mm ³
		Other properties	deep thread pattern
			Anti Skid, oil, acid & alkali resistance
		Tensile Strength	2.1-5.0 N/mm² (min)

Signature of Tenderer:		Company's Round Seal:
Date:	Place:	

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6	Toe cap	Steel Toe cap not required/other technical parameters must be matched IS 15298 (Part 1 & 2) 2011 design "D"	
7	Vamp & quarter Lining	Material	Hosiery yarn material for extra sweat absorption properties
8	Sizes	Size range	Available in sizes 5 to 11 (39-45)
9	Marking & Packing	Shoes size, month and year of manufacturing marked on the sole Batch number marked on the outer box Wrapped in 45 micron clear poly bag. 10 pairs packed in one master carton (9 ply) ISI marked on each Gumboot. Each item having UGVCL logo	
10	Electrical Resistance	Max, 18 KV for 1 Minute Testing laboratory ERDA/FDDI/ NABL	
11	Approvals	IS 15298 (part 1 &2): 2011,	
12	Heat Resistance	As per IS	
13	Warranty	One year	

➤ The bidder has to submit following along with bid.

- (1) Test Certificate of various tests as per relevant IS from FDDI, Noida / NABL approved lab.
- (2) Test certificate of 18 KV withstand test from NABL approved lab.
- (3) Valid BIS license & ISI marking is must with BIS License No.

➤ Tests as per relevant IS are to be carried out at FDDI, Noida / NABL approved lab on tender sample.

However, UGVCL reserves right to carry out any other test/s as per relevant IS/Specification on tender sample.

Signature of Tenderer:		
Date:	Place:	
		Company's Round Seal: