

Annexure-A
Technical specification for Industrial gum boot.

Approved by		BIS (CM/L-9691203) (or) CE MARKED
Certification		IS:15298(Part-2):2011, IS:15298(Part-3):2011 Certified by FDDI, IS-12254:1993
Sr. No.	Particular	Description
1	Design	: Wellington
2	Size	: 5-11
3	Height of Boot(MM)	: 255±5
4	Reinforcement	: Complete body reinforced with heavy duty cotton lining 1) Toe: 4.0 mm 2) Vamp: 2.5 mm 3) Counter: 4.5 mm 4) Leg\Ankle: 1.5mm
5.	Toe	Without steel toe cap
6.	Color	Black
7.	Thickness (Min)	: Sole(Overall): 12.5mm Heel(Overall): 28mm
8.	Materials (Sole) (Upper)	: Polyvinyl chloride (Hard)+ Rubberised Compound Polyvinyl chloride(Soft) + Rubberised Compound
9.	Hardness	: Sole/ Heel 60±5 ⁰ A
10.	Sole Design	: Anti-skid Lug Sole
11.	Flexing Endurance (Min) (D Mattia) (Ross)	: Upper: 1,50,000 Cycles (De Matin) Sole: 50,000 Cycle (Ross)
12.	Leak Proof	: No Leakage when air with pressure of 0.15 Kg is forced into the boots
13.	Special Features	: Kick off Spur- for easier extraction of foot from the boot. Resistant to mild Acid / Alkali (20% Conc.) BOOTS are resistant to attach by general Acid/ Alkali up to 20% concentration; the change in hardness after immersion in 20% Acid /Alkali for 48 hrs is not more than ± 3 ⁰ A.
14.	Electrical Strength	: 32 KV (rms)
15.	Application	: General- purpose industrial boot resistant to mild Acid / Alkali

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