

# PASCHIM GUJARAT VIJ COMPANY LIMITED

## Specification for Rubber Hand Gloves for Electrical purpose

Sr. No.	Particular	Specification
1	Certification	EN 60903 with latest amendments.
2	Class of gloves	Class 1
3	Working Voltage	7.5 KV
4	Test Voltage	10 KV AC
5	Color	Color of Rubber Hand Gloves (Class I – for 11 KV) should be Natural (Ivory) or Any Color
6	Material	Natural or Synthetic Rubber or combination of both Length: - 360 mm
7	Thickness	1.5 mm
8	Tensile strength	As per above standard
9	Elongation at break percent	As per above standard
10	Puncture resistance	As per above standard
11	Qty. / Size	As per requirement
12	Marking on Gloves	1) Markings as per clause No. 5.7 of EN 60903 2) Company Logo “PGVCL” 3) Marking for “Use for 11 KV” 4) PGVCL Logo on Packing bag
13	Warranty	One year

➤ The bidder has to submit following along with bid.

- (1) Authorized Dealership letter from OEM.
- (2) Confirmation letter for Guarantee/Warranty certificate from OEM at the time of delivery of the material.
- (3) Test Certificate of various tests as per Clause No. 8: General Testing of EN - 60903 from approved lab.

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

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- Following test/s are to be carried out at ERDA on tender sample / audit sample as per the clause No. 5.3 (Electrical Requirements) of EN/IEC 60903.

Sr. No.	For use in	Class	Thickness	Proof Test (KV –rms)	Leakage Current at Proof Voltage	Working Voltage (rms)	Withstand voltage (KVrms)	L. Current at Working Voltage
1	11 KV	I	1.5mm	10KV	16mA	7500V	20 KV	8000 micro Amp.

Also, following tests are to be carried out on tender sample / audit sample for conforming compliance to the technical specification as relevant clause of EN/IEC 60903.

- 1 Dimensions (8.2.2)
- 2 Tensile strength and elongation at break (8.3.1)
- 3 Resistance to mechanical puncture (8.3.2)
- 4 Tension test (8.3.3)
- 5 Aging test (8.5)
- 6 Flame retardancy test (8.6.2)
- 7 Tear resistance test (9.3)
- 8 Material identification of Hand Gloves as per clause no. 6 of specification.

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

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