

## Annexure-1

### Technical Specifications for Ambidextrous Neoprene Gauntlets

Sr. No.	Parameters	Requirements
1	Material	Neoprene (polychloroprene)
2	Neoprene content	>85%
3	Color	Black
4	Thickness	0.6mm ( $\pm 0.1$ mm)
5	Hand Form	Ambidextrous
6	Glove form	Conical
7	Glove Port Diameter	156mm
8	Length	750 mm ( $\pm 20$ mm)
9	Bead diameter	$\varnothing 6$ mm ( $\pm 1$ mm)
10	Tensile Strength	> 15 MPa
11	Elongation at Break	>700%
12	Resistance to chemicals	Should be stable at 10 M HNO <sub>3</sub> and 0.8M oxalic acid solution for 8 hrs. at 25 °C
13	Puncture Resistance	>20 N
14	Gauntlet should be seamless.	
15	Cuff edge must be finished in the form of 'O' ring with uniform thickness.	
16	Compliance of Standards:  i) Gauntlets shall comply with EN 421-2010.  ii) Gauntlets shall comply with EN ISO 374-1+A1-2018.  iii) Gauntlets shall comply with EN 374-2:2014.  iv) Gauntlets shall comply with EN 388-2016.  These Certificates are to be attached along with the quotation.	
17	The shelf life of gauntlet in its original packaging should be minimum 2 years from date of supply.	
18	One sample of gauntlet along with complete technical specification and certificates should be provided along with quotation for testing at BARC, TROMBAY.	
19	Gauntlets should be individually packed in polyethylene bag.	
20	Quotation without gauntlet sample and standard certificates of compliance will not be considered for evaluation.	
21	Pre dispatch inspection of gauntlet will be done at work station/factory site by scientific officer/Engineer from BARC. After the user's approval, bulk supply of the gauntlet should be carried out.	