

Sl. No.	Tests	Minimum Quantity Required	Test Charges (Rs.) per Sample
♣	<b>TECHNICAL TEXTILES TESTING</b>		
✓	<b>FILTER FABRICS</b>		
	<b>I. FILTER FABRICS [WOVEN TYPE]</b>		
1)	Mass per square metre [ASTM D: 5261 / ASTM D: 3776 / ISO: 9864 / IS: 14716]	1 m <sup>2</sup>	500
2)	Thickness [ASTM D: 5199]	0.5 m <sup>2</sup>	500
3)	Thread Density [ASTM D: 3775 / IS: 1963]	1 m	500
4)	Yarn Number [IS:3442 / ASTM D:3883]	1 m	400
5)	Tear Resistance (Trapezoid Strength) [ASTM D: 4533 / IS: 14293]	1 m <sup>2</sup>	1200
6)	Grab Strength [ASTM D: 4632 / ISO: 13934-2]	1 m <sup>2</sup>	1250
7)	Water Permeability [ASTM D: 4491 / BS: 6906-3 / IS: 14324 / ISO: 11058]	1 m <sup>2</sup>	2000
8)	Air Permeability [ASTM D: 737]	1 m <sup>2</sup>	800
9)	Pore Size by Porometer [ASTM D: 6767]	0.5 m <sup>2</sup>	1500
10)	Apparent Opening Size [ASTM D: 4751]	0.5 m <sup>2</sup>	750
11)	Ball Bursting Strength [ASTM D:3787]	1 m <sup>2</sup>	1450
12)	Diaphragm Bursting Strength [ASTM D: 3786 / IS: 1966]	1 m <sup>2</sup>	750
13)	Breaking Strength & Elongation [ASTM D: 5035 / DIN EN ISO: 13934 -1]	1 m <sup>2</sup>	1000
14)	Mesh Count (By Microscope)		500
15)	Acid Treatment		1200

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16)	Alkali Treatment		1200
17)	Pressure Head (hydro head or water resistance) [AATCC 127]		800
	<b>II. FILTER FABRICS [NONWOVEN TYPE]</b>		
18)	Mass per square metre [ASTM D: 5261 / ASTM D: 3776 / ISO: 9864 / IS: 14716]	1 m <sup>2</sup>	500
19)	Thickness [ASTM D: 5199]	0.5 m <sup>2</sup>	500
20)	Tear Resistance (Trapezoid Strength) [ASTM D: 4533]	1 m <sup>2</sup>	1200
21)	Breaking Strength / Grab Strength [ASTM D: 4632]	1 m <sup>2</sup>	900
22)	Water Permeability [ASTM D: 4491 / BS 6906-3 / IS: 14324 / ISO: 11058]	1 m <sup>2</sup>	2100
23)	Air Permeability [ASTM D: 737]	1 m <sup>2</sup>	700
24)	Pore Size by Porometer [ASTM D: 6767]	0.5 m <sup>2</sup>	1500
25)	Apparent Opening Size [ASTM D: 4751]	1.5 m <sup>2</sup>	750
26)	Ball Bursting Strength [ASTM D:3787]	1 m <sup>2</sup>	1450
27)	Diaphragm Bursting Strength [ASTM D: 3786 / IS: 1966]	1 m	750