



A COMPLETE FILTER  
CLOTHS & BAGS HOUSE

# Assuring Healthy & Fresh Atmosphere







We have gratification to introduce ourselves as a leading manufacturer & exporter of filter bags for various industries. We provide various types of quality filter fabrics, filter cages, filter cartridges, ventury, tapes, belts, threads in a choice of industries that's called us a leading supplier.

PGB established in 2001, on the outskirts of the historic city of Ahmedabad, We have established ourselves as an extremely reliable customer-friendly company, with an unchallenged record of extra high quality products and timely delivery.

Mr. Himanshu is leading the company into new heights with the experience of 10 years in Filter bags. Under his dynamic leadership, supported by an experienced and professional working team, PGB extended their business activities, not only all over India, but almost every part of the world.

PGB is committed to our customers by offering to them the experience of a reliable dedicated team that strives to respond to their needs, meeting or exceeding expectations. Our goal is to furnish our customer the solution that provides their organization the best value. We will not sell something they do not need. Our mission is to get it right the first time and every time.

## ABOUT US

Aiming to have an incredible hike in the extension of business operations, we have strive all our efforts towards maintaining highest standard of quality within our range. This is the reason that we are serving a wide range of industries spread across the globe.

### Why Us?

We have been able to attain a noteworthy position in the market by offering premium quality Filtration Products & Industrial Filter Fabrics to the clients. Owing to our transparent policies, ethical business strategies and total quality management, we have been able to strengthen our position in the competitive industry. Following are some of the factors that have contributed to our incredible success:

- ~ Quality tested products
- ~ Timely delivery of consignments
- ~ Wide distribution network
- ~ Reliable range
- ~ Easy payment modes such as Money transfer through bank, Cash, Letter of credit, Demand Draft.
- ~ Comprehensive production unit
- ~ Ethical business policies

Complete Solutions  
Unlimited Possibilities.







▼ Filter Press Bag



**Available Sizes:**  
**Filter Press (Butterfly)**  
12", 18", 24", 30", 36", 42", 48", 54", 60"

**Application :** Filter Press Bag used in Oil, Chemicals, intermediate, Pharmaceuticals etc.



▼ Ceramic Filter Press Bag



**Available Sizes :**  
**Ceramic Filter Press**  
24", 30", 36", 42", 48"

**Application :** Ceramic Filter Press Bag used in Oil, Ceramic etc.



▼ Centrifuge Filter Bag



▼ Lifting Centrifuge Bag

▲ Collar Type Centrifuge Filter Bag

**Available Sizes :**  
**Centrifuge Filter Bag-**  
12", 18", 24", 36", 48", 60"

**Application :** Centrifuge Filter Bag used in Oil, Chemicals, Intermediate, Pharmaceuticals etc.





▼ F.B.D Bag (Fluid Bed Dryer Bag)



**Available Sizes:**  
**Fluid Bed Dryer Bag**  
Finger 5,7,9,13,17,19,37,42

TECHNICAL SPECIFICATION OF FILTER FABRICS	
Product Name	PCTX
Construction of fabrics	144s x 58s
GSM	330
Count	2/40 x 2/40 Parallel
Weave	Satin
Finished	Heatseted
Air Permbility	3
B/S(20x5) cm	Warp 280 Weft 200

**Application :** FBD Bag used in Chemicals, Cement Industries, Intermediate, Pharmaceuticals' etc.

▼ Pulverizer Ballon Filter Bag



**Available Sizes:**  
**Pulverizer Ballon Filter Bag**  
1.5mtr, 2.5mtr, 3.5mtr, 4.5mtr, 5.5mtr.

**Application :** Pulverizer Ballon Filter Bag used in Chemicals, Cement Industries, Intermediate, Pharmaceuticals etc.

▼ Filter Media. Disc Filter



**Quality No: 20mesh to 120mesh available size..**  
**Available Size: 1700dia to 2200dia...**

**Application :** Filter Media Bag used in all spinning mill, Cement Industries etc.

▼ Filter Pad



**Available Sizes:**  
**Filter Pad**  
7"Ø, 8".5Ø, 12".5Ø, 14".5Ø, 19".5Ø, 25".5Ø.

**Application :** Filter Pad used in Oil, Chemicals, Intermediate, Cement Industries, Pharmaceuticals etc.

TECHNICAL SPECIFICATION OF FILTER FABRICS

SR. NO	QUALITY NO	WEIGHT/ SQ.MTR +/- 5% IN GSM	TENSIL STRENGTH (-/+ IN KG)		AIR PERMEABILITY (CU FT./SQ.FT/ SCE.AT 1.22"W.C)	PARTICLE RETENTION MICRON (APPROX.)	MESH (APPORX)
			WARP	WEFT			
<b>POLYPROPYLENE SPUN FABRIC</b>							
1	099	270	200	140	0.97	30 TO 40	150
2	001	315	235	130	0.83	25 TO 30	250
3	005	380	354	135	0.50	15 TO 20	400
4	006	450	360	245	0.43	10 TO 15	450
5	007	520	360	250	0.30	5 TO 7	550 / 600
6	008	600	450	236	0.20	3 TO 5	650
7	008/HV	695	426	350	0.20	3 TO 5	700
<b>POLYPROPYLENE MULTIFILAMENT FABRIC</b>							
8	PPM - 011	240	295	145	0.50	10 TO 15	400
9	PPM - 123	400	450	300	0.22	10 TO 15	400
10	PPM - 23/HV	450	510	310	0.19	5 TO 8	550
11	NAV - 999	500	500	400	0.13	3 TO 5	700
<b>POLYSTER SPUN FABRIC</b>							
12	PY - 005	430	325	250	0.20	15 TO 20	350
13	PY - 007	550	325	300	0.12	5 TO 10	500
14	PY - 126	700	600	308	0.11	2 TO 4	700 TO 725
<b>NAYLONE FILAMENT FABRIC</b>							
15	NY - 011	330	310	275	0.60	10 TO 15	400
16	NY - 123	450	548	414	0.23	5 TO 10	500

**Tensile Strength : Strip Size : 50 mm X 200 mm**

NOTE : The above information is given in good faith, based on the reports of our Laboratory. The data given above are indicative only. Consumers are therefore advised to derive their own confirmation. We reserve right to change / improve in of above qualities without notice.

TECHNICAL SPECIFICATION OF FILTER FABRICS

SR. NO	QUALITY NO	WEIGHT/ SQ.MTR +/- 5% IN GSM	TENSIL STRENGTH (-/+ IN KG)		AIR PERMEABILITY (CU FT./SQ.FT/ SCE.AT 1.22"W.C)	PARTICLE RETENTION MICRON (APPROX.)	MESH (APPORX)
			WARP	WEFT			
<b>POLYPROPYLENE SPUN FABRIC</b>							
1	001	315	235	130	0.83	25 TO 30	250
2	005	380	354	135	0.50	15 TO 20	400
3	006	450	360	245	0.43	10 TO 15	450
4	007	520	360	250	0.30	5 TO 7	550/600
5	008	600	450	236	0.20	3 TO 5	650
<b>POLYPROPYLENE MULTIFILAMENT FABRIC</b>							
6	PPM - 011	240	295	145	0.50	10 TO 15	400
7	PPM - 123	400	450	300	0.22	10 TO 15	400
8	PPM - 23/HV	450	510	310	0.19	5 TO 8	550
9	NAV - 999	500	500	400	0.13	3 TO 5	700
<b>POLYSTER SPUN FABRIC</b>							
10	PY - 005	430	325	250	0.20	15 TO 20	350
11	PY - 007	550	325	300	0.12	5 TO 10	500
12	PY - 126	700	600	308	0.11	2 TO 4	700 TO 725
<b>NAYLONE FILAMENT FABRIC</b>							
13	NY - 011	330	310	275	0.60	10 TO 15	400
14	NY - 123	450	548	414	0.23	5 TO 10	500

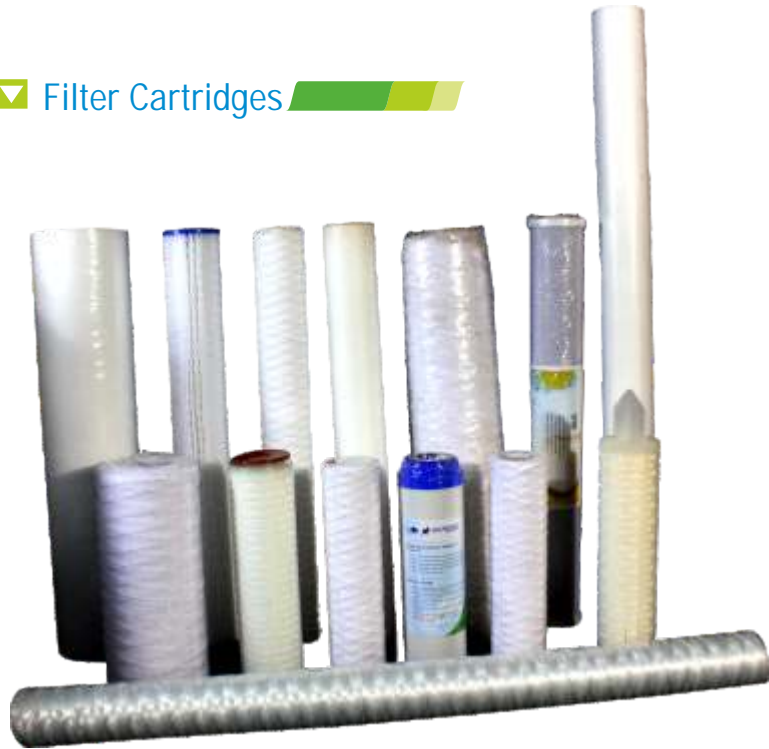
**Tensile strength : Strip Size : 50 mm X 200 mm**

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▼ Filter Cartridges



**Available Sizes:** Filter cages are available in stainless steel, MS, Galvanized with various dimension.

**Application :** filter cage & ventury used in bag filters.



▼ Filter Cage & Ventury



**Available Sizes :** Filter cartridges available in various microns as per clients requirement.

**Application :** Filter Cartridges used in chemicals, Pharmaceuticals, air filtration, water filter, filtration place, etc.



▼ Fiber Glass Spray Dryer Bag



**Material Specification:**

Description : FIBER GLASS FILTER FABRIC (HDIPL – 75)

Parameters	Unit	Specified Value	Tolerance
<b>FABRIC</b>	-----	<b>100% Fiberglass</b>	-----
Weight	G / m2	750	± 10%
Weaving	-----	3 X 1 WILL	-----
Thickness	mm	0.7	± 0.02 mm
Colour	-----	Black	-----
CONTINUOUS OPERATING Temp. Cap	Deg. c	270	± 5%
MAX. SURGE Temp. Cap	Deg. c	Black	± 5%
Tensile Strength – Warp	N / 25 mm	290	± 10%
Tensile Strength – Weft	N / 25 mm	+3570	± 10%
Air Permeability ASTM D737 / 96	( cm3 /cm2/ s)	+2550	± 5%
Mullen Burst	-----	>42	± 5%
FINISH	(kg / cm2)	SGT FINISH (4.5%)	1.5 – 5%

**Available Sizes :** Fiberglass filter fabrics available in various gsm sizes like 500 GSM, 650 GSM, 750 GSM, 850 GSM etc.

**Application :** Fiber Glass Spray Dryer Bag used in Chemicals, intermediate, Process House etc.

▼ Pocket Filter Bag



**Technical Data Sheet**

<b>Quality Code:</b>	PS-10(S)DSL	<b>Bursting Strength (kg/cm<sup>2</sup>)</b>	32
<b>Composition</b>		<b>ASTM D 3786</b>	
Web	Polyester		
Scrim	Polyester		
<b>Area Weight (g/m<sup>2</sup>)</b>	560	<b>Temperature Resistance</b>	
ASTM D 5261		Cont(°C)	140
<b>Thickness (mm)</b>	2.0	Peaks(°C)	150
ASTM D 1777		<b>Max.Change of Cimensions</b>	<1%
<b>Density (g/cm<sup>3</sup>)</b>	0.28	<b>Finish:</b>	Heat Set
<b>Air Permeability</b>		Singed	face side
(Lit/dm <sup>2</sup> /min)@200pa	180	Calendered	Water and
ASTM D 737			oil repellent
<b>Tensile Strength</b>	Machine(kgf)		
ASTM D 5035	Cross(kgf)	110	
		125	

**Application :** Pocket filter (dust collector) Bag used in cement company's, air filtration area etc.

The above information on physical and chemical characteristics is based upon tests believed to be reliable. the values are intended only as a source of information. They are given without guaranty and do not constitute a warranty. The purchaser should independently determine. Prior to use. The suitability of this material for his/her specific purpose. ( Data represents averages and is not intended for use as a specification.)



▼ Homopolymer Acrylic Spray Dryer Bag



Technical Data Sheet

<b>Quality Code:</b>	<b>HPS-10(S) BSL</b>		<b>Bursting Strength (kg/cm<sup>2</sup>)</b>	40
<b>Composition</b>			ASTM D 3786	
Web	Homopolymer acrylic + Polyester			
Scrim	Polyester			
<b>Area Weight (g/m<sup>2</sup>)</b>	550	<b>Temperature Resistance</b>		
ASTM D 5261		Cont(°C)	120	
<b>Thickness (mm)</b>	2.4	Peaks(°C)	140	
ASTM D 1777		<b>Max.Change of Cimensions</b>	<1%	
<b>Density (g/cm<sup>3</sup>)</b>	0.23	<b>Finish:</b>	Singed face side Calendered Anti adhesive treatment	
<b>Air Permeability</b> (Lit/dm <sup>2</sup> /min)@200pa ASTM D 737	170			
<b>Tensile Strength</b>	Machine(kgf)	90		
ASTM D 5035	Cross(kgf)	90		

Application : Homopolymer Acrylic Spray Dryer Bag used in Oil, Chemicals, intermediate, Process House, Pharmaceuticals etc.

▼ Non Wovan Spray Dryer Filter Bag



Technical Data Sheet

<b>Quality Code:</b>	<b>PS-10(S)ss FI/EG/SL</b>		<b>Bursting Strength (kg/cm<sup>2</sup>)</b>	35
<b>Composition</b>			ASTM D 3786	
Web	Polyester			
Scrim	Polyester			
<b>Area Weight (g/m<sup>2</sup>)</b>	525	<b>Temperature Resistance</b>		
ASTM D 5261		Cont(°C)	140	
<b>Thickness (mm)</b>	1.9	Peaks(°C)	150	
ASTM D 1777		<b>Max.Change of Cimensions</b>	<1%	
<b>Density (g/cm<sup>3</sup>)</b>	0.28	<b>Finish:</b>	Calendered Face side glazed Face side anti static finish	
<b>Air Permeability</b> (Lit/dm <sup>2</sup> /min)@200pa ASTM D 737	125			
<b>Tensile Strength</b>	Machine(kgf)	110		
ASTM D 5035	Cross(kgf)	120		

Application : Non Woven Spray Dryer Bag used in Oil, Chemicals, intermediate, Process House, Pharmaceuticals etc.

▼ Nomex Spray Dryer Bag



Technical Data Sheet

<b>Quality Code:</b>	<b>NM-9(S)</b>		<b>Bursting Strength (kg/cm<sup>2</sup>)</b>	28
<b>Composition</b>			ASTM D 3786	
Web	Meta Aramid Nomex			
Scrim				
<b>Area Weight (g/m<sup>2</sup>)</b>	500	<b>Temperature Resistance</b>		
ASTM D 5261		Cont(°C)	180	
<b>Thickness (mm)</b>	2.2	Peaks(°C)	190	
ASTM D 1777		<b>Max.Change of Cimensions</b>	<1%	
<b>Density (g/cm<sup>3</sup>)</b>	0.23	<b>Finish:</b>	Heat set Singed face side Calendered	
<b>Air Permeability</b> (Lit/dm <sup>2</sup> /min)@200pa ASTM D 737	170			
<b>Tensile Strength</b>	Machine(kgf)	70		
ASTM D 5035	Cross(kgf)	80		

Application : Nomex Spray Dryer Bag used in intermediate, Process House, cements industries etc.



▼ PPS Rayton Spray Dryer Bag



Technical Data Sheet

<b>Quality Code:</b>	<b>RR-10(S)</b>		<b>Bursting Strength (kg/cm<sup>2</sup>)</b>	32
<b>Composition</b>			ASTM D 3786	
Web	PPS			
Scrim	PPS			
<b>Area Weight (g/m<sup>2</sup>)</b>	550	<b>Temperature Resistance</b>		
ASTM D 5261		Cont(°C)	190	
<b>Thickness (mm)</b>	2.1	Peaks(°C)	200	
ASTM D 1777		<b>Max.Change of Cimensions</b>	<1.5%	
<b>Density (g/cm<sup>3</sup>)</b>	0.26	<b>Finish:</b>	Heat set Both Side Singed	
<b>Air Permeability</b> (Lit/dm <sup>2</sup> /min)@200pa ASTM D 737	150			
<b>Tensile Strength</b>	Machine(kgf)	60		
ASTM D 5035	Cross(kgf)	80		

Application : PPS Rayton Spray Dryer Bag used in Chemicals, intermediate, Process House, etc.





# Industries We Serve

- ~ Cement
- ~ Oil
- ~ Sugar
- ~ Chemical
- ~ Soft drink
- ~ Pharmaceuticals
- ~ Construction
- ~ Fertilizers
- ~ Thermal power plants
- ~ General Households
- ~ Food & Beverages
- ~ Automobile
- ~ Paint
- ~ Rice/Dal/Flour Mills
- ~ Mines
- ~ Foods Industry
- ~ Dairy
- ~ Textile
- ~ Breweries
- ~ Paper/ Board Mills
- ~ Other allied industries

