

SKYTECH INDUSTRIES LLP

A  
TOTAL  
FILTRATION  
SOLUTION  
COMPANY

AN "ISO 9001:2015 " CERTIFIED COMPANY

Skytech Industries LLP is a prominent name in the filtration industry. Started in 1997, we have evolved ever since and are focused and committed to provide the best possible products and services to our customers. We achieve this by understanding the needs and requirements of our customers and with our expertise, manufacture products tailored to the requirements of our customers.

## Our Mission

To always keep our customers satisfied by continuing to provide the best quality products and services and in turn giving them quality results.

**We believe that an organisation is only successful when its customers are benefitted.**

## Our Vision

To be one stop destination that meets the filtration requirements across various industries.

**We wish to be the ultimate choice for all industries using filtration products.**

The world today is slowly realising the concerns being expressed about the global environment and the human influences upon it. With rapid climate change and global warming, the need to make parallel changes has become a must. We need to protect the environment and filtration has a major role to play in trying to achieve this goal.

**We at Skytech help to make world a better place by providing efficient means of pollution control.**

We have successfully installed our products and are continuing to serve some of the leading companies in the FMCG, food and pharmaceutical, chemical and fertilizer, Sugar pulp & paper industry and Iron & steel industry.



# Raw Materials

**We procure our raw material from some of the leading brands across the globe. All the raw material we use is of top quality and branded. Before reaching us it is tested at in-house labs adhering to international test standards.**

No two applications are ever the same. Each application has different characteristics and hence different set of requirements. It is very important to choose the right filter fabric for the right application in order to optimise performance and get the best possible result.

The same is achieved by experience and understanding gained in the field over many years.

**The media used for manufacturing filter bags/cartridges comes in various qualities and is either woven or non-woven. Please refer to the chart below, as a guide to the different qualities of cloth.**

MEDIA	TEMP RESISTANCE	ACID	ALKALI	HYDROLYSIS	SOLVENTS
Non-woven needle felt polyester	150°C	Good	Poor	Poor	Good
Non-woven needle felt polypropylene	90°C	Good	Good	Good	Good
Aramid / Nomex / Conex	200°C	Poor	Excellent	Poor	Fair
Homopolymer Polyacrylonitrile	130°C	Good	Fair	Good	Good
Polyacrylic	120°C	Excellent	Fair	Good	Good
PTFE	260°C	Excellent	Excellent	Excellent	Excellent
P84/ Polyimide	235°C	Fair	Fair	Fair	Good
PPS/ Ryton	190°C	Excellent	Excellent	Excellent	Fair
Fibreglass	275°C	Good	Fair	Good	Good

# Infrastructure

Majority of our machineries are imported from JAPAN and CHINA. Along with a dedicated work force, we have fully automated tubing line machines, pleating machines, roller cutters and many other small types of machinery which helps us deliver your order in time.



# Products

Below are some standard products, used across various industries.



CONVENTIONAL BAGS



FILTER CARTRIDGES



LIQUID FILTER BAGS



FILTER CAGES AND VENTURY



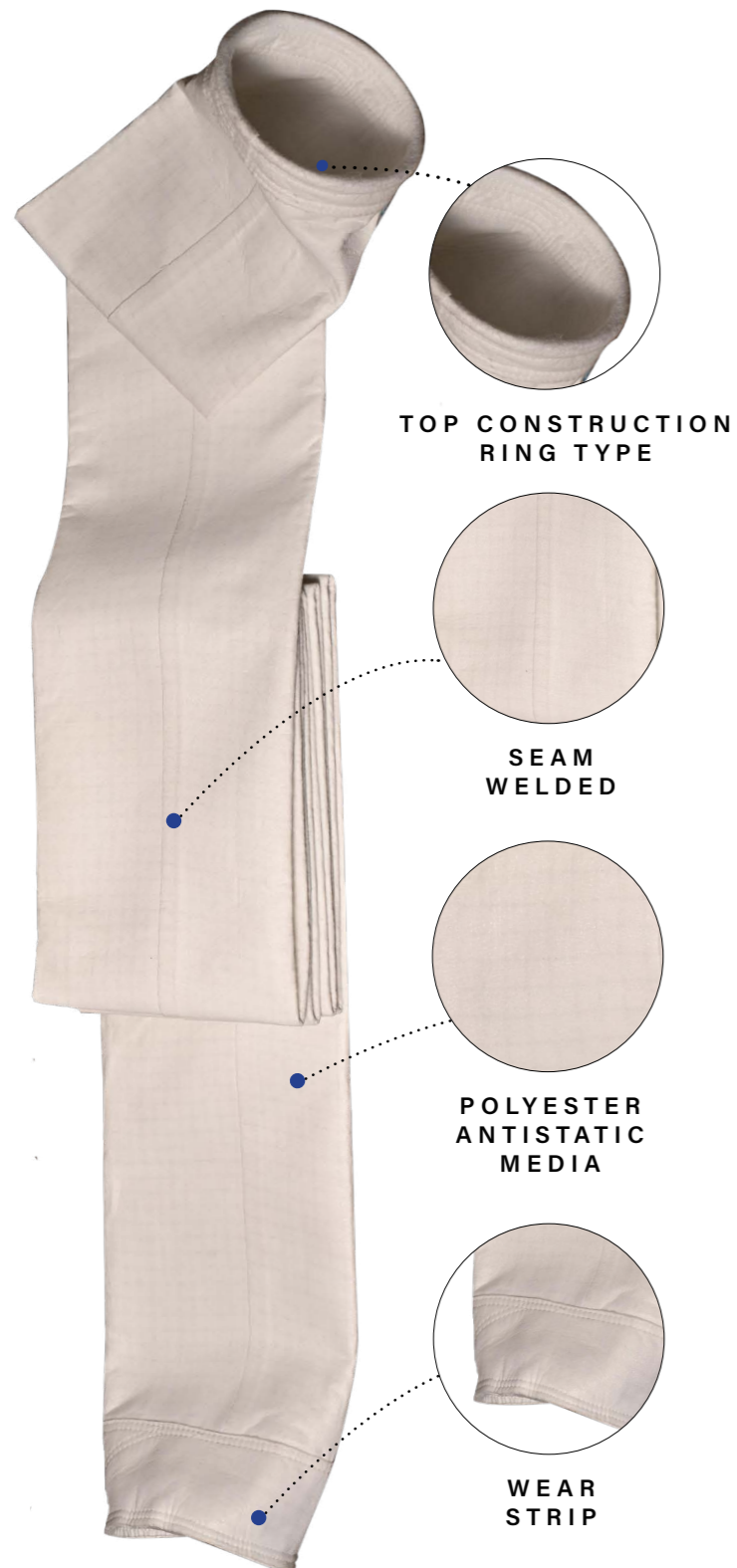
VALVES AND TIMERS



PRE FILTER AND HEPA FILTER

Skytech can also build customised products as per requirements.

# Conventional Bags



**Filter bags come in various sizes and types as per the requirement of the bag house manufacturer.**

**Some of the commonly used fitments in filter bags are:**



SNAP BAND TYPE



RING TYPE



COLLAR TYPE



CASSETTE TYPE

These bags are either stitched or welded depending upon the fabric quality.

# Cartridges

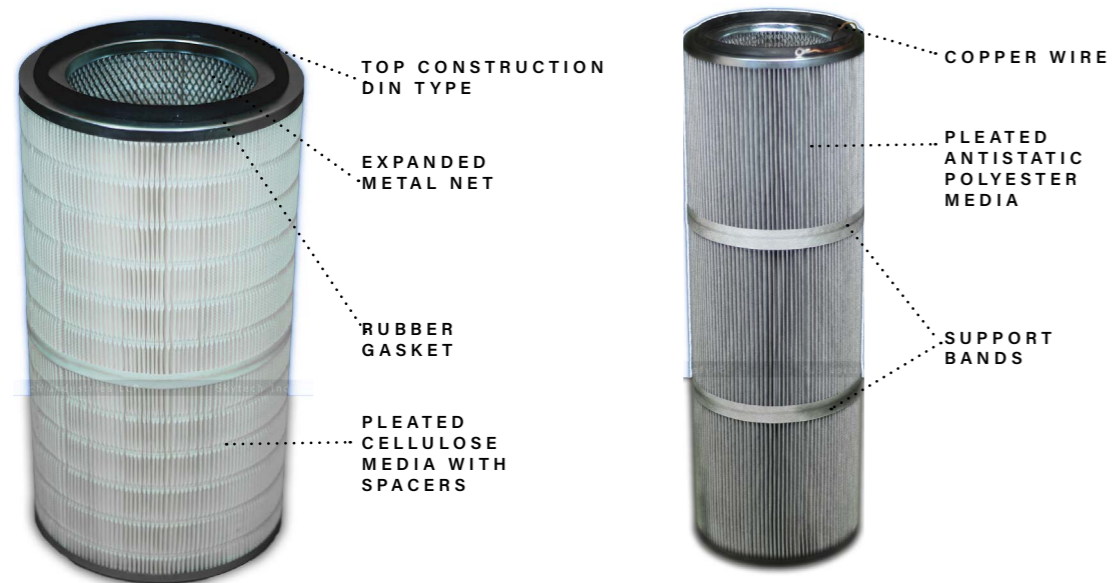
Pleated Filter Cartridges are slowly being adopted more and more in the industry. The filter media used in these cartridges are manufactured by using technologies like spun bond, spun lace etc. Pleated bags provide higher efficiency than regular dust collector bags due to surface filtration. Also, these bags provide 3 to 4 times larger filtration area than traditional filter bags.

The common designs used in the industry are:

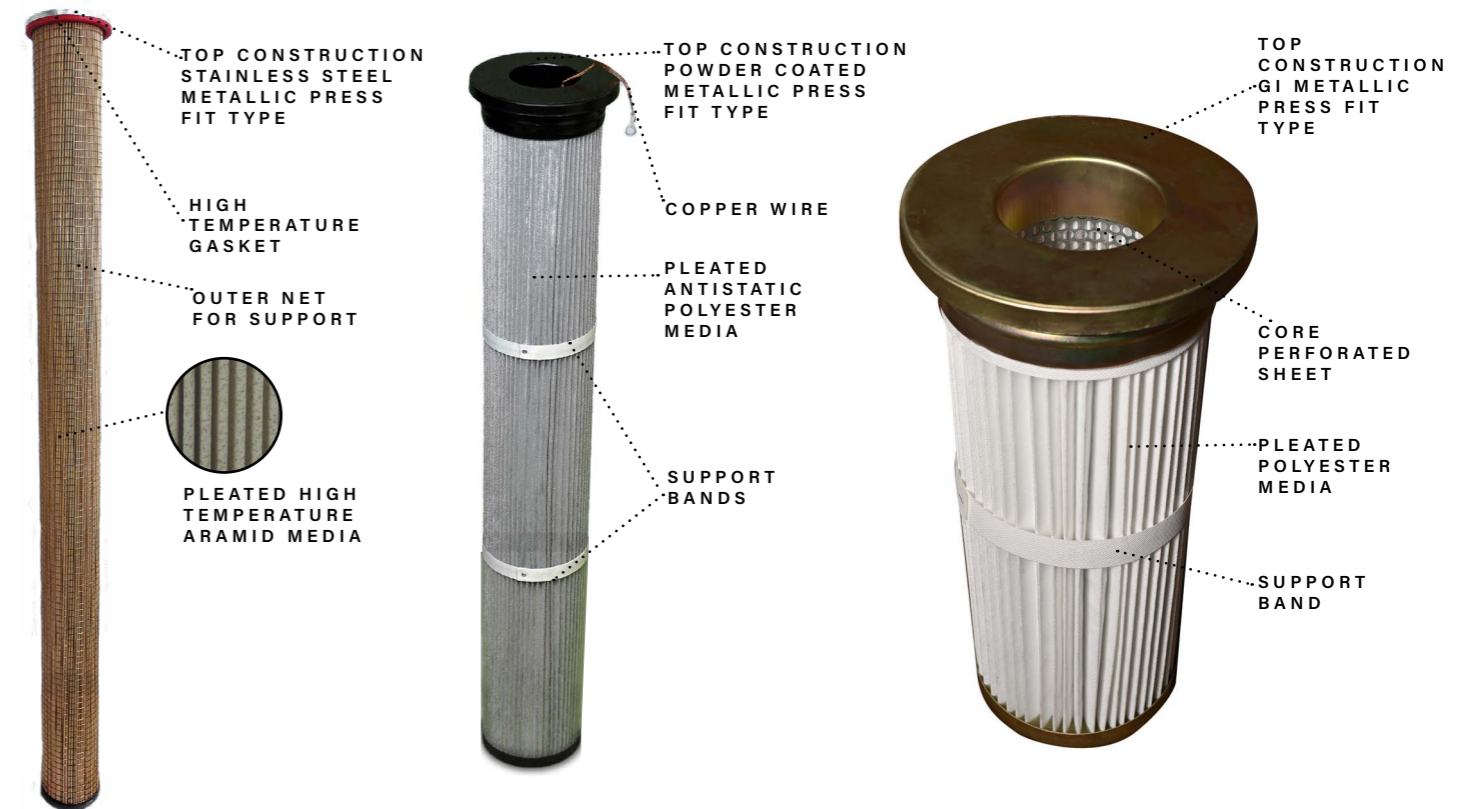
## LUG TYPE



## DIN TYPE



## METALLIC PRESS FIT TYPE



## POLY-URETHANE TYPE



# Liquid Filtration

**We at Skytech provide liquid filters used to separate solid particles from liquid.**

Commonly used liquid filter bags are:

## NEEDLE FELT BAGS



## NYLON MESH BAGS



## WOUND FILTERS



## CAGES AND VENTURY



## PRE-FILTERS AND HEPA FILTERS



## VALVES AND TIMERS



We represent Turbo S.R.L Italy for their entire range of products related to pollution control equipment for air filtration in India.



# INDUSTRY APPLICATIONS

CEMENT | FOOD & BEVERAGES | METALLURGICAL

PHARMACEUTICAL | CHEMICAL | POWDER COATING

SHOT BLASTING | IRON & STEEL | ASPHALT

ABRASIVES | CARBON | GLASS | WOOD WORKING

MATERIAL HANDLING | BOILERS | AUTOMOBILE

LEATHER TANNERIES | REFINERIES | PIGMENT | BREWERIES

MINERAL WATER | CERAMICS | PETROCHEMICAL



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