





# CARTRIDGE FILTERS HOUSING

## Cartridges Filter Housing

| DESCRIPTION         |                                                          |
|---------------------|----------------------------------------------------------|
| MOC                 | : SS 316L/SS 316/ SS304L/SS304/MS/MSRL/PTFE Coating      |
| Size                | : 5" long x 1 No. Cartridge to 40" x 250 Nos. Cartridges |
| Cartridge Fitting   | : Push Fit, Doc or Code - 7                              |
| Line Size           | : 1/4" NB to 20" NB                                      |
| Connection Type     | : BSP(F), NPT(F) Threads, Flange 150#, Table E, Table F  |
| Hydro Test Pressure | : upto 100 kg/cm <sup>2</sup>                            |
| Flow Rate           | : 1000 m <sup>3</sup> /hr                                |
| Design              | : Customised (as per customer's requirement)             |
| Type                | : Jacketed / Non-Jacketed                                |



## Bags Filter Housing

| DESCRIPTION         |                                                         |
|---------------------|---------------------------------------------------------|
| MOC                 | : SS 316L/SS 316/ SS304L/SS304/MS/MSRL/PTFE Coating     |
| Size                | : 4"x20", 7"x16", 7"x32", & Customised                  |
| Bag Fitting         | : 7"x32" 1 Nos To 25 Nos.                               |
| Line Size           | : 1/4" NB to 20" NB                                     |
| Connection Type     | : BSP(F), NPT(F) Threads, Flange 150#, Table E, Table F |
| Hydro Test Pressure | upto 100 kg/cm <sup>2</sup>                             |
| Flow Rate           | 1000 m <sup>3</sup> /hr                                 |
| Design              | Customised (as per customer's requirement)              |
| Type                | Jacketed / Non-Jacketed                                 |

## Upvc Filter Housing

| DESCRIPTION         |                                                   |
|---------------------|---------------------------------------------------|
| MOC                 | : UPVC                                            |
| Size                | : 30" Long X 3 Nos to 40" Long X 9 Nos Cartridges |
| Line Size           | : 2" NB                                           |
| Hydro Test Pressure | : upto 7 kg/cm <sup>2</sup>                       |
| Flow Rate           | : 40 m <sup>3</sup> /hr                           |
| Design              | : Standard                                        |



## P. P. Filter Housing

| DESCRIPTION |                                    |
|-------------|------------------------------------|
| MOC         | : PP                               |
| Size        | : 4"x10", 4"x20", Cartridges & Bag |
| Line Size   | : 1/2 to 2" NB                     |
| Connection  | : BSP (F)                          |
| Flow        | : Up to 5000 LPH                   |
| Design      | : Standard                         |

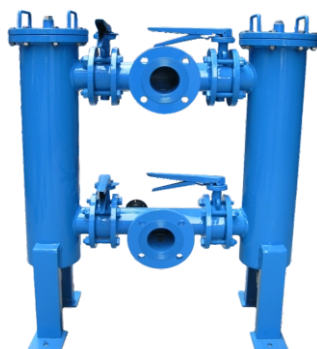


# STRAINERS

## Basket & Duplex Strainers



| DESCRIPTION         |                                                            |
|---------------------|------------------------------------------------------------|
| MOC                 | : SS 316L/SS 316/SS 304L/SS 304/MS                         |
| Variant             | : Casted / Fabricated                                      |
| Type                | : Y Type, T Type & Buckrt Type                             |
| Line Size           | : 1/4" NB to 20" NB                                        |
| Connection Type     | : BSP(F), NPT(F) Threads, Flange 150#,<br>Table E, Table F |
| Hydro Test Pressure | : upto 100 kg/cm2                                          |
| Design              | : Customised (as per customer's requirement)               |
| Filter Rating       | : 500 mesh to 1 mesh                                       |
| Valves              | : 3-Way Ball Valve or Butterfly Valve with Tee             |



# AIR FILTERS

## Air Filters

| DESCRIPTION         |                                                                      |
|---------------------|----------------------------------------------------------------------|
| Size                | : Standard & Customised                                              |
| Typa                | : Box, Flange & Customised                                           |
| Frsms MOC           | : GI, SS, Aluminum                                                   |
| Micron Rating       | : 5, 10, 25, 50, 100 & More                                          |
| MOC of Filter Media | : PP Polyester, Synthetic Non-WoveN<br>HDPE Mesh, SS Mesh Nylon Mesh |





# FILTER CARTRIDGES

## PP Spun (Melt Blown)

| DESCRIPTION    |                                |
|----------------|--------------------------------|
| Size           | : 10", 20", 30", 40", 50", 60" |
| Outer Diameter | : 2.5", 4, 4.5"                |
| Inner Diameter | : 28mm                         |
| Micron Rating  | : 1, 5, 10, 25, 50, 75, 100    |
| Configuration  | : Double Open End (DOE)        |
| MOC            | : 100% Polypropylene           |



## PP Wound (Honeycomb)

| DESCRIPTION    |                                                                                     |
|----------------|-------------------------------------------------------------------------------------|
| Size           | : 10", 20", 30", 40", 50", 60"                                                      |
| Outer Diameter | : 2.5", 4, 4.5", 6"                                                                 |
| Inner Diameter | : 28mm, 50mm                                                                        |
| Micron Rating  | : 1, 5, 10, 25, 50, 75, 100                                                         |
| Configuration  | : Double Open End (DOE)                                                             |
| MOC            | : PP Yarn with PP Core<br>Cotton Yarn with SS Core<br>Glass Fiber Yarn with SS Core |



## PP Pleated

| DESCRIPTION    |                           |
|----------------|---------------------------|
| Size           | : 10", 20", 30", 40"      |
| Outer Diameter | : 68mm                    |
| Inner Diameter | : 28mm                    |
| Micron Rating  | : 0.2, 0.45, 1, 5, 10, 25 |
| Configuration  | : DOE, Code - 7           |
| MOC            | : PP, PTFE, PES, PVDF     |



## Resin Bonded

| DESCRIPTION    |                                                                 |
|----------------|-----------------------------------------------------------------|
| Size (length)  | : 10", 20", 30", 40"                                            |
| Outer Diameter | : 2.5"                                                          |
| Inner Diameter | : 28mm                                                          |
| Micron Rating  | : 1, 5, 10, 25, 50, 100                                         |
| Configuration  | : Double Open End (DOE)                                         |
| Construction   | : Grooved, Ungrooved                                            |
| MOC            | : Acrylic Fibre Phenolic Resin Bonded<br>Cellulose Resin Bonded |



# FILTER CARTRIDGES

## Sintered Powder

| DESCRIPTION    |                                |
|----------------|--------------------------------|
| Size (length)  | : 10",20",30",40",50" & 60"    |
| Outer Diameter | : 2",2.5" & 3"                 |
| Inner Diameter | : 28mm, 40mm,50mm              |
| Micron Rating  | : 1,5,10,25,50,                |
| Configuration  | : DOE, SOE, CODE-7& Customised |
| MOC            | : Sintered SS 3161 Powdered    |
|                | Sintered SS 3161 Fibre         |
|                | Sintered Ceramic               |
|                | Sintered Polypropylene         |
|                | Sintered PTFE                  |



## SS Pleated

| DESCRIPTION    |                                 |
|----------------|---------------------------------|
| Size(length)   | : 10",20",30",40"&Customised    |
| Outer Diameter | : 2.5",4",4.5",6"&Customised    |
| Inner Diameter | : 28mm & Customised             |
| Micro Rating   | : 1,5,10,25,50,100,250,500      |
| Configuration  | : DOE, SOE, CODE-7 & Customised |
| Type           | : Cylindrical & Pleated         |
| Construction   | : 100% Welded or Adhesive joint |
| MOC            | : SS 304 & SS 316 Woven Mesh    |
|                | Sintered SS 316L NON-Woven      |
|                | Fibre Felt                      |



## Paper Pleated

| DESCRIPTION         |                                               |
|---------------------|-----------------------------------------------|
| Size (length)       | : 10",20",30",40"&Customised                  |
| Outer Diameter      | : 2.5",4",4.5"&6" & Customised                |
| Inner Diameter      | : 28mm & Customised                           |
| Micron Rating]      | : 1,5,10,25,50,100,250,500                    |
| Configuration       | : DOE, SOE & Cusomised                        |
| Type                | : Cylindrical & Pleated                       |
| Construction        | : Adhesive joint                              |
| MOC (Caps & Cage) : | SS/GI/PP/PU/PLASTIC                           |
| Media               | Paper / Synthetic/ PP/ Polyester/ HDPE/ Nylon |



## Dust Collection Filter Cartridges

| DESCRIPTION           |                                                             |
|-----------------------|-------------------------------------------------------------|
| Size                  | : Standard & Customised                                     |
| Configuration         | : Lugs Type, Collar Type, Flange Type & Tie Rod Fitting     |
| Micron Rating         | : 1, 5, 10, 25, 50                                          |
| MOC of Caps           | : Aluminum, GI, SS, PU Rubber                               |
| MOC of Filter Media : | PP, Spunbonded Polyester, Cellulose Paper                   |
| Coating/Finish        | : PTFE, Antistatc (aluminium Coating) Oil & Water Repellant |

## Liquid Filter Bags

| DESCRIPTION                  |                                               |
|------------------------------|-----------------------------------------------|
| <b>Size</b>                  | : 4"X10", 4"X20", 7"X16", 7"X32" & customised |
| <b>Micron Rating</b>         | : 1,5,10,25,50,100,250,500                    |
| <b>Configuration</b>         | : 100%welded, 100% stiched                    |
| <b>Types Of Filter Media</b> | : Woven & Non Woven                           |
| <b>MOC of Filter Media</b>   | : Polypropylene, Polyester, Nylon, Cotton     |
| <b>MOC of Collar</b>         | : PP, SS Ring, Collar                         |



## FBD/FBP Filter Bags

| DESCRIPTION                |                                                                              |
|----------------------------|------------------------------------------------------------------------------|
| <b>Size</b>                | : Customised                                                                 |
| <b>Capacity</b>            | : 3 kgs to 500 kgs capacity                                                  |
| <b>Micron Rating</b>       | : 1,5,10,25,50,100                                                           |
| <b>MOC of filter Media</b> | : Antistatic PP, Antistatic Polyester, PC Satin, PP, Polyester, Nylon Cotton |
| <b>Configuration</b>       | : SS Strip or String (Nada) for FBD & FBP                                    |

## Centrifuge Filter Bags

| DESCRIPTION                |                                                                    |
|----------------------------|--------------------------------------------------------------------|
| <b>Size</b>                | : 12", 24", 36", 48", 60" & Customised                             |
| <b>Micron Rating</b>       | : 1,5,10,25,50,100                                                 |
| <b>MOC of filter Media</b> | : PP, Polyester, Nylon Cotton, Antistatic PP, Antistatic Polyester |
| <b>Configuration</b>       | : Regular & Lifting Type For Centrifuge                            |



## Filter Press Penal Filter Cloth

| DESCRIPTION                |                                                            |
|----------------------------|------------------------------------------------------------|
| <b>Size</b>                | : 12", 24", 36", 48", 60" & Customised                     |
| <b>Micron Rating</b>       | : 1,5,10,25,50,100                                         |
| <b>MOC of filter Media</b> | : PP, Polyester, Nylon Cotton, Multifilament, Monofilament |
| <b>Configuration</b>       | : Center Holl Type                                         |



# FILTER BAGS

## Dust Collection Filter Bags

| DESCRIPTION         |                                                                                 |
|---------------------|---------------------------------------------------------------------------------|
| Size                | : Customised                                                                    |
| Configuration       | : Snap Band, Collar Type, Ring Type                                             |
| Micron Rating       | : 1,5,10,25,50,100,250,500                                                      |
| MOC of Filter Media | : P.P., Polyester, Acrylic, Ryton, Nomex<br>Coated Polyester, PTFE, Glass Fibre |
| Temeratur           | : Ambient to 350°C                                                              |
| Filter Media        | : Woven and Non, Woven                                                          |



## FILTER MEDIA



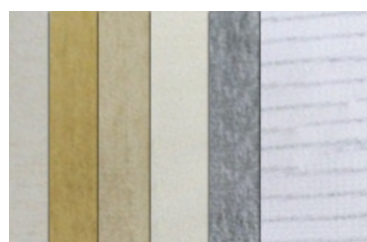
High Loft Glass Fibre



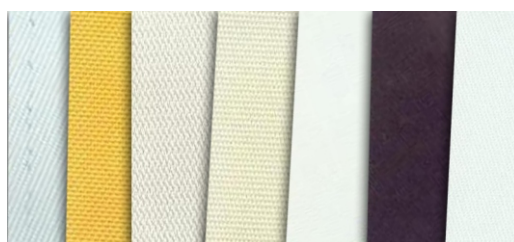
High Loft Polyester

## Filter Media (Woven & Non- Woven)

| DESCRIPTION         |                                                                           |
|---------------------|---------------------------------------------------------------------------|
| Discription         | : Non-woven filter paper media                                            |
| Size                | : Customised                                                              |
| Micron Rating       | : 1,3,5,10,20,30,50,100                                                   |
| MOC of Filter Media | : Poppypropylene, Polyester , Cotton, Glass Fibre,<br>Aramide, Nylon HDPE |



Non-Woven Filter Fabrics



Woven Filter Fabrics



Nylon Filter Fabrics



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