

Duplex Strainer

GTS FILTERS manufactures many types of Duplex Strainers/Filter, which is used for continuous operation without stoppage of filtration process. Duplex filter is also known as one working and one stand by filter. Duplex Filters are available with 3 way ball valve, 2 way ball valve and butterfly valve. Filter elements are easy to remove and clean. We offered duplex filter with flow direction in to out or out to in as per dirt load and application. We also offer back wash arrangement. Our Duplex filter in MS/CS MOC is available with Painted, hot dip galvanized or powder coated. Duplex filter in SS MOC is available with mirror polished both side or glass bead blasting.



Duplex Strainer design available with us

- Duplex Basket Filter/Strainer
- Duplex Multi Basket Filter/Strainer
- Duplex Pleated Basket Filter/Strainer
- Duplex Single Cartridge Filter
- Duplex Multi Cartridge Filter
- Duplex Candle Filter
- Duplex Bag Filter
- Duplex Multi Bag Filter
- Duplex Strainer
- Duplex Basket Strainer
- Duplex Type Self Cleaning Filter
- Jacketed Duplex Filter

Technical Parameters:

Line Size: 1/4" NB to 30" NB

End Connections: 150# & 300# Flanged, Table E & Table F Flanges, DIN Standard Flanges Butt Weld, NPT/BSP Threaded, Hose Pipe Conn., Tri Clover Adaptor, SMS Union/Dairy Conn.

Material of Construction : CS, MS, SS304, SS304L, SS316, SS316L, SS317L

Operating Pressure: 0 to 50 Bar

Operating Temperature: 15 Deg. C to 500 Deg. C

Flow Rate : Up to 1000 M3/Hr. & More

Filtration Rating : 0.5 Micron to 6000 Micron & More Top cover with nut & bolts type or quick opening type

Advantages:

- Easy to clean
- Low Pressure drop
- Large area
- Easy to operate and maintenance
- Positive Sealing to prevent bypass
- Customized design
- High dirt load holding capacity
- In Standard design filtration area is 4 to 6 times of Inlet/Outlet pipe area
- Arrangement for back wash if required

Applications:

- Refineries and Petrochemicals
- Power Plants
- Oil & Gas
- Water filtration and Cooling Towers
- Chemical Industries
- Automobile Industries
- Steel Industries, Metals & Minerals
- Textile Industries
- Dairy and Food Industries
- Dyes, Inks and paints Industries
- Cement Industries
- Fertilizers Industries
- Pharmaceuticals
- Coolant Oils and Cutting Fluids