

Temporary Strainer-Flat (Disc) Type**Product Coding**
P410701XXX**Introduction**

Temporary strainers are filtration devices used in piping systems during initial commissioning, maintenance, or system restarts. Their main function is to capture large debris such as rust, welding slag, and construction particles. Installed between pipe flanges, they are removed once the system is confirmed clean. These strainers are cost effective, reusable, and ideal for short term protection of downstream equipment, such as pumps, valves, and meters.

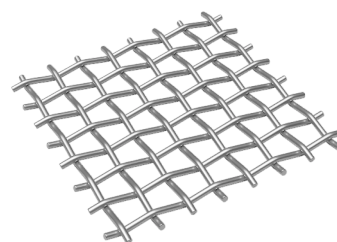
Flat temporary strainers, also called disc strainers, are wafer style filters installed between flanges.

They are simple, compact, and economical, designed for low volume debris and short term use. Due to their limited surface area, they have a higher pressure drop and lower holding capacity compared to other types.

The flat plate strainer can be fabricated to suit different pipeline flange pressure ratings, meaning the dimensions of a pipeline flange differ if it's rated for 150#, 300#, 600#, or other pressure ratings. The flat plate strainer should be fabricated to suit the application.

**Features**

- Cost effective Reusable
- Smaller filtration surface compared to the conical type
- Higher pressure drop due to limited surface area.
- Suitable for low volume contamination
- Easy to install and remove in compact spaces
- Lower debris holding capacity
- Use for short term filtration
- Use in low load systems
- Use during the commissioning phase of a system or the restart phase
- Use to remove coarse debris

**Applications**

- Startup and commissioning of pipelines
- Steam lines (protection of traps, regulators, and turbines)
- Water and wastewater systems (pump and valve protection)
- Petrochemical and refinery pipelines
- HVAC and chilled water systems
- Gas and air lines
- Power generation (boiler feedwater, condensate lines)
- Pharmaceutical and food process utilities



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