

Tee-Type Strainers

Tee-Type Strainers are reliable and efficient devices used to filter out foreign particles from process liquids. Designed with a distinctive Tee-shaped body, these strainers house a perforated or wire mesh basket that captures suspended solids, allowing only clean fluid to pass through.

Recognized for their simplicity, durability, and ability to operate under high-pressure conditions, Tee-type strainers are among the most widely adopted filtration solutions in industrial applications. They are extensively used across sectors such as power generation, pharmaceuticals, petrochemicals, and chemical processing.

By ensuring the removal of unwanted impurities, Tee-type strainers play a vital role in maintaining product quality, safeguarding downstream equipment, and reducing unplanned maintenance costs.

Technical Specification:

Size	Upto 1200 NB
Pressure	Upto 60 Kg/CM ²
Temperature	Upto 600°C
Mesh Size	5 to 500 microns
Material of Wetted Parts	ASTM A216 Gr. WCB
	ASTM A351 CF8 / CF8M
	Mild Steel (MS) / Carbon Steel (CS)
	Stainless Steel: SS304 / SS304L / SS316 / SS316L
	Polypropylene (PP) & HDPE
Filter Elements	Available in SS316 / SS316L / SS304 / SS304L / PTFE / PP
	Wide micron rating range for versatile applications
Connection Options	Flanged Ends – ASA / BS / DIN / JIS Standards
	Screwed Ends – BSP / NPT
	Butt Weld Ends – For permanent, leak-proof installations

Design Features –

- Available in Carbon Steel & Stainless Steel Construction – Ensures durability across varied applications.
- Low Pressure Drop – Engineered for efficient flow with minimal energy loss.
- Large Straining Area – Free straining area is 2.5 times the pipe cross-sectional area, ensuring longer service cycles.
- Optional Accessories – Differential pressure tapings and drain connections on request.
- Robust Construction – Available in both cast and fabricated designs.
- Versatile Material Options – Body can be supplied in Gun Metal, ASTM A216 WCB, Stainless Steel, Carbon Steel, and other alloys.

Product Applications -

- Chemical Processing
- Petroleum
- Power Generation
- Marine
- Oil & Gas
- Iron & Steel
- HVAC
- Food & Beverage
- Pharmaceutical