

# Strainer

## Overview

A strainer is a pipe fitting with an attached metal, mesh, or wedge wire strainer that strains and filters liquid and separates it from solid matter. By catching solids at specific places in the pipeline, unwanted debris cannot move further down the line where they might damage a valve or cause other harmful effects.

Strainer valves are plumbing equipment that filters foreign matter in pipelines. Strainers have a wide range of uses and are indispensable for the health and safety of the system they are used. These valves ensure a healthy and long-lasting operation of many equipments such as pumps, water meters, and control valves.

## Types of Strainer

( i ) Basket Strainers ( ii ) Y Strainers ( iii) Duplex Strainers ( iv ) Automatic Self Cleaning Strainers v ) Fabricated T Strainers ( vi) Conical Strainers valve

## PRODUCTS

### Specifications

#### SIZES RANGE

- DN 50 to DN 900 (2" to 36").

#### PRESSURE RATING

- PN10, PN16, PN25, Class 150 to 2500

#### DESIGN STANDARDS

- ASME Section VIII,Div.1

#### TESTING STANDARD

- API 598.

### Special Features

- Strainers come in various shapes and sizes, with their names designed in accordance with their structures.
- They are mostly made of aluminum and copper which makes them suitable for use with water and makes them corrosion-resistant.
- The most commonly used strainers are Y & Pot strainers.

### End Connection

#### SCOPE

#### STANDARD

BS4504 PN10/PN16,

Wafer, Lugged, Flanged

BS4504 PN10/PN16,

BS4504 PN10/PN16,

