



Pesflow
ONE STOP INDUSTRIAL VALVE SOLUTIONS

STRAINERS



T Strainers



Basket Strainers



Duplex Strainers



Y Strainers with
Blowdown Valve



Screwed Y Strainers



Flanged Y Strainers

About:

PESFlow takes pride in offering a comprehensive range of high-quality Strainers, meticulously crafted to ensure the smooth and uninterrupted operation of your industrial systems. Our Strainers are designed to effectively filter out solid particles from the flowing liquids or gases, preventing any potential damage to the downstream equipment. With a strong focus on durability and reliability, our Strainers are built to withstand varying operating conditions, providing optimal performance and longevity for your industrial processes.

Types of Strainers Offered:

- Basket Type Strainers
- Duplex Type Strainers
- Y-Type Strainers
- T Strainers

- **Basket Type Strainers**

Ideal for applications where the removal of larger particles and debris is crucial, Basket Strainers efficiently protect your equipment and processes.

Technical Specifications

Strainer Type: Fabricated Simplex Basket Strainer	
Pressure Class (ASME Pressure Class)	Screen Type
150	Perforated
300	Mesh
600	Perforated with Mesh Lining
900	Perforated with Mesh Lining Start Up
1500	Gasket Type
2500	Spiral Wound SS (304) - Graphite Filler
Screen Material	Spiral Wound SS (316) - Teflon Filler
Type 304 Stainless Steel	Spiral Wound SS (316) - Graphite Filler
Type 316 Stainless Steel	Spiral Wound Monel - Graphite Filler
Brass	Buna
Monel	Body Material
Titanium	Fabricated Carbon Steel
Hastelloy C276	Fabricated 304 Stainless Steel
Duplex Stainless Steel	Fabricated 316 Stainless Steel
Special	Cover Connection
End Connection	Bolted
Raised Face Flange	Quick Open
	Slip Hinge
	Lifting Davit Assembly



Basket Strainers

- **Duplex Type Strainers**

Duplex Strainers offer uninterrupted filtration with their dual-chamber design. While one chamber is in use, the other can be cleaned or maintained, ensuring no downtime.

Technical Specifications



Duplex Strainers

Strainer Type: Fabricated Duplex Basket Strainer		
Pressure Class (ASME Pressure Class)	End Connection	Screen Type
150	Raised Face Flange	Perforated
250	Cover Connection	Mesh
300	Threaded	Perforated with Mesh Lining
600	Bolted	Perforated with Mesh Lining Start Up
900	Knob	Body Material
1500	Quick Open	Carbon Steel (ASTMA 216, Grade WCB)
2500	Hinged	304 Stainless Steel (ASTM A 351, Grade CF8)
Screen Material	Clamped	316 Stainless Steel (ASTM A 351, Grade CF8M)
Type 304 Stainless Steel	Lifting Davit	
Type 316 Stainless Steel	Special	
Brass	Gasket Type	
Monel	Spiral Wound SS (304) - Graphite Filler	Viton "O-Ring"
Titanium	Spiral Wound SS (316) - Teflon Filler	No Gasket
Hastelloy C276	Spiral Wound SS (316) - Graphite Filler	Ring Joint
Duplex Stainless Steel	Spiral Wound Monel - Graphite Filler	Copper
	Buna	PTFE
	Buna-n "O-Ring"	

- **Y-Type Strainers**

Y Strainers provide effective filtration and are especially suited for applications where space is limited. They excel in removing solid particles from your fluid system.



Y Strainers with Blowdown Valve



Screwed Y Strainers



Flanged Y Strainers

Technical Specifications

Strainer Type: Fabricated Y-Pattern Strainer				
Pressure Class (ASME Pressure Class)	End Connection	Body Material	Preforated or Mesh	
125	Raised Face Flange	Fabricated Carbon Steel	1/32"	20 Mesh
150	Threaded	Fabricated 304 Stainless Steel	3/64"	30 Mesh
250	Socket Weld	Fabricated 316 Stainless Steel	1/16"	40 Mesh
300			3/32"	50 Mesh
600			1/8"	60 Mesh
900			5/32"	80 Mesh
1500			3/16"	100 Mesh
2500			1/4"	150 Mesh
			3/8"	200 Mesh
			1/2"	300 Mesh
			3/4"	
Screen Type	Screen Material	Gasket Type	Cover Connection	
Perforated	Type 304 Stainless Steel	Spiral Wound SS (304) - Graphite Filler	Bolted	
Mesh	Type 316 Stainless Steel	Spiral Wound SS (316) - Teflon Filler	Threaded	
Perforated with Mesh Lining		Spiral Wound SS (316) - Graphite Filler		
Perforated with Mesh Lining Start Up		Spiral Wound Monel - Graphite Filler		
		Buna		
		Viton		
		Ring Joint		
		PTFE		

Strainer Type: Y-Pattern Strainer				
Pressure Class (ASME Pressure Class)	End Connection	Body Material	Preforated or Mesh	
125	Raised Face Flange	SG Iron (GGG 40)	1/32"	20 Mesh
150	Threaded	Carbon Steel (ASTMA 216, Grade WCB)	3/64"	30 Mesh
250	Socket Weld	304 Stainless Steel (ASTM A 351, Grade CF8)	1/16"	40 Mesh
300			3/32"	50 Mesh
600			1/8"	60 Mesh
900			5/32"	80 Mesh
1500			3/16"	100 Mesh
2500			1/4"	150 Mesh
			3/8"	200 Mesh
			1/2"	300 Mesh
			3/4"	
Screen Type	Screen Material	Gasket Type	Cover Connection	
Perforated	Type 304 Stainless Steel	Spiral Wound SS (304) - Graphite Filler	Bolted	
Mesh	Type 316 Stainless Steel	Spiral Wound SS (316) - Teflon Filler	Threaded	
Perforated with Mesh Lining		Spiral Wound SS (316) - Graphite Filler		
Perforated with Mesh Lining Start Up		Spiral Wound Monel - Graphite Filler		
		Buna		
		Viton		
		Ring Joint		
		PTFE		

- **T Strainers**

T Strainers are designed to trap and remove solid contaminants from the fluid. Their compact design and inline installation make them versatile for a range of applications.



T Strainers

Technical Specifications

Strainer Type: Fabricated Tee Strainer				
Pressure Class (ASME Pressure Class)	Screen Type	Gasket Type	Preforated or Mesh	
125	Perforated	Spiral Wound SS (304) - Graphite Filler	1/32"	20 Mesh
150	Mesh	Spiral Wound SS (316) - Teflon Filler	3/64"	30 Mesh
250	Perforated with Mesh Lining	Spiral Wound SS (316) - Graphite Filler	1/16"	40 Mesh
300	Perforated with Mesh Lining Start Up	Spiral Wound Monel - Graphite Filler	3/32"	50 Mesh
600	Screen Material	Buna	1/8"	60 Mesh
900	Type 304 Stainless Steel	Viton	5/32"	80 Mesh
1500	Type 316 Stainless Steel	Ring Joint	3/16"	100 Mesh
2500		PTFE	1/4"	150 Mesh
End Connection	Cover Connection		3/8"	200 Mesh
Raised Face Flange	Bolted	Hinged	1/2"	300 Mesh
Body Material	Threaded	Clamped	3/4"	
Fabricated Carbon Steel	Knob	Lifting Davit		
	Quick Open	Special		



Address

Head Office:

Perfect Engineering Services

C-601, Badhwar Apartments, Plot No.3, Sector-6, Dwarka, New Delhi-110075

Ph: 011-28034280/81 | +91-9891016735 | +91-9350216735

+91-9999991337 | +91-9811557391

vksood@perfect.org.in | sales@perfect.org.in

info@perfect.org.in | solutions@perfect.org.in

www.perfectengineeringservices.co.in

