

Basket Strainers

Protect your line from dirt and debris

- Ideal product for the removal of crude solids
- Low pressure drop with large straining capacity
- Basket easily lifts out to clean or replace

The perforated baskets catch unwanted particles as the fluid passes through the strainer. Suitable for use in processing water, oil, paint, chemicals, or food applications.

Strainers are made of PVC and include FPM seals. The 1/2", 3/4", and 1" strainers include a 1/32" perforated basket; the 1 1/2" to 4" strainers include a 1/8" perforated basket.



Basket Strainers

Size	Catalog number	Price
1/2"	GY-29526-00	
3/4"	GY-29526-02	
1"	GY-29526-04	
1 1/2"	GY-29526-06	
2"	GY-29526-08	
3"	GY-29526-10	
4"	GY-29526-12	

Additional / Replacement Baskets

Perforation	For strainer sizes	Catalog number	Price
1/32"	1/2", 3/4", and 1"	GY-29526-40	
1/16"		GY-29526-42	
1/32"	1 1/2" and 2"	GY-29526-44	
1/16"		GY-29526-46	
1/8"		GY-29526-48	
3/16"		GY-29526-50	
1/16"	3" and 4"	GY-29526-52	
1/8"		GY-29526-54	
3/16"		GY-29526-56	

Wait! There's More...

Place a ball valve upstream of the strainer to allow for easy shutdown when emptying the strainer basket. For our "Valves" section see pages 1049-1062.

Teky's Tips



Application Tips

1. Keep fluid velocity through the strainer to less than 8 fps (2.44 m/sec). A strainer several times larger than the pipeline may be used.
2. Keep the pressure drop across a clean strainer to less than 2 psid (0.14 bar). Use the "Cv Factors" table to get pressure drop by calculating [flow (GPM)/Cv]²
3. Select a basket perforation that is one half the size of the smallest particle to be removed.
4. Eliminate down time by keeping an extra basket on hand to quickly replace dirty baskets.

High-Flow Bag Filters

Won't corrode

- Include a built-in, flanged support base
- Dual-bottom connections for drain and outlet
- Glass reinforced polypropylene construction handles higher temperatures and pressures

The cover can be removed to lift out the basket and replace the filter bag. Cover threads do not contact the process media.

Maximum flow rate for single-length filters is 50 GPM, 100 GPM for double-length. Each filter includes a built-in vent valve with 1/4" gauge tap and a Viton® cover seal; order bags separately at right.



Filter Bags

Made from nonwoven polypropylene felt. The single-length bags have a surface area of 2.0 sq ft while the double-length bags have 4.1 sq ft of surface area.

Pore size	Single-length bags		Double-length bags	
	Catalog number	Price/pk of 50	Catalog number	Price/pk of 50
1 µm	GY-29990-50		GY-29990-70	
5 µm	GY-29990-54		GY-29990-74	
25 µm	GY-29990-58		GY-29990-78	
100 µm	GY-29990-62		GY-29990-82	

Single- and Double-Length Bag Filter Housings

Accommodates	Connection type	Catalog number	Price
Single-length bag	2" NPT(F)	GY-29990-00	
Double-length bag	2" NPT (F)	GY-29990-04	

