

PLUMBING Y Strainers



**Mesh Screen
4NU85**

**Perforated Screen
20H624**

Cast Iron Y Strainers

These strainers are preferred in low-pressure and low-temperature piping systems. They protect control valves, pumps, and other process equipment from contaminants in water, oil, gas, and steam applications. Screen included.

Pipe Size	Maximum Pressure at 100° F	H	L	Screen Material	Includes Screen	Brand	Item No.
Mesh Screen, Screen Size: 20 mesh							
NPT (National Pipe Thread) Threaded Connection							
3/4"	400 psi @ 150°F	2 3/4"	3 1/4"	Stainless Steel	Yes	Bell & Gossett	4NU85
1"	400 psi	4"	4"	304 Stainless Steel	Yes	Keckley	45AK90
1"	400 psi @ 150°F	2 3/4"	4"	Stainless Steel	Yes	Bell & Gossett	4NU86
2"	400 psi	7"	7"	304 Stainless Steel	Yes	Keckley	45AM02
Perforated Screen, Screen Size: 0.062 in Flanged Connection							
3"	200 psi	8 3/4"	10 1/4"	304 Stainless Steel	Yes	Mueller Steam	1RNH7
3"	200 psi	10 1/4"	10 1/4"	304 Stainless Steel	Yes	Keckley	45AM05
4"	200 psi	12 1/4"	12 1/4"	304 Stainless Steel	Yes	Keckley	45AL73
4"	200 psi	27 1/2"	12 1/4"	304 Stainless Steel	Yes	Mueller Steam	1RNY2
4"	500 psi	27 1/2"	15 3/4"	304 Stainless Steel	Yes	Mueller Steam	1RNJ2
NPT (National Pipe Thread) Threaded Connection							
3/4"	400 psi @ 150°F	2 1/2"	3 3/4"	Stainless Steel	—	—	20H624
1"	400 psi @ 150°F	2 5/8"	4"	Stainless Steel	—	—	20H625
1 1/2"	400 psi @ 150°F	3 3/8"	5 3/4"	Stainless Steel	—	—	20H627
2"	400 psi @ 150°F	4 3/4"	7"	Stainless Steel	—	—	20H628
3"	400 psi @ 150°F	6"	10"	Stainless Steel	—	—	20H630



**Perforated Screen
1RND9**

Carbon Steel Y Strainers

- 304 stainless steel screen

Strainers are extremely strong to resist high pressures, high temperatures, and leaks, and withstand mechanical shocks and stress. Carbon steel strainers protect pumps, control valves, and other process equipment from contaminants in oil and petrochemical industries. Screen included.

Pipe Size	Screen Size	Maximum Pressure at 100° F	H	L	Brand	Item No.
Mesh Screen						
Flanged Connection						
3"	16 mesh	285 psi	10 1/4"	10 1/4"	Keckley	45AM34
6"	16 mesh	285 psi	18 1/2"	18 1/2"	Keckley	45AL46
Perforated Screen						
NPT (National Pipe Thread) Threaded Connection						
3/4"	0.062 in	1,480 psi	6 3/4"	3 3/4"	Mueller Steam	1RND8
1"	0.062 in	1,480 psi	5 3/4"	4 3/4"	Mueller Steam	1RND9
1"	0.031 in	3,500 psi	4 7/8"	6 3/4"	SSI	3CFR9
2"	0.062 in	1,480 psi	10 1/4"	7"	Mueller Steam	1RNE3



Stainless Steel Y Strainers

Resists corrosion from caustic chemicals, corrosive fluids, oils, and gases, and withstands pressure and high temperatures. These strainers protect processing equipment from contaminants found in water management, food, pharmaceutical, and chemical processing, and industrial applications. Screen included.

Pipe Size	Screen Size	Maximum Pressure at 100° F	H	L	Screen Material	Brand	Item No.
Mesh Screen							
NPT (National Pipe Thread) Threaded Connection							
1/4"	20 mesh	800 psi	2 1/4"	2 1/2"	316 Stainless Steel	—	20XM16
3/8"	20 mesh	800 psi	2 1/4"	2 1/2"	316 Stainless Steel	—	20XM17
1/2"	20 mesh	800 psi	2 1/4"	2 3/8"	316 Stainless Steel	—	20XM18
3/4"	7 mesh	800 psi	2 3/4"	3 1/8"	316 Stainless Steel	—	20XM19
1"	7 mesh	800 psi	3 1/4"	3 1/2"	316 Stainless Steel	—	20XM20
1 1/4"	7 mesh	800 psi	4 1/4"	4 1/8"	316 Stainless Steel	—	20XM21
1 1/2"	7 mesh	800 psi	4 1/2"	4 3/4"	316 Stainless Steel	—	20XM22
2"	20 mesh	800 psi	6"	5 1/2"	316 Stainless Steel	—	20XM23
Perforated Screen							
Flanged Connection							
3"	0.062 in	740 psi	8 7/8"	12"	304 Stainless Steel	Mueller Steam	1RNH3
NPT (National Pipe Thread) Threaded Connection							
1"	0.062 in	1,440 psi	5 1/4"	4 3/8"	304 Stainless Steel	Mueller Steam	1RNG1



**Mesh Screen
20XM23**

**Perforated Screen
1RNH3**

Scan. Order. Done.
Details on page A1.



**Bronze
6NPW9**



Bronze & Brass Y Strainers

- Mesh screen
- 304 stainless steel screen
- NPT connection



**Brass
20XM11**

Strainers protect pumps, valves, and other process equipment from contaminants found in water, oil, gas, and steam applications.

Bronze Y Strainers resist corrosion from saltwater and have higher heat and electrical conductivity than most metals.

Brass Y Strainers are an alloy of copper and zinc that withstands high temperatures and corrosion from water, heat, acids, and minerals.

Pipe Size	Screen Size	Maximum Pressure at 100 deg F	H	L	Includes Screen	Brand	Item No.
Bronze Y Strainers							
3/4"	16 mesh	400 psi @ 150°F	2"	2 3/4"	Yes	Apollo	40D867
1/2"	16 mesh	400 psi @ 150°F	2"	2 3/4"	Yes	Apollo	40D868
1/2"	20 mesh	300 psi	3"	3 1/4"	Yes	Zurn Wilkins	22N582
1/2"	20 mesh	400 psi	2 1/8"	2 3/4"	—	—	6NPW9
3/4"	16 mesh	400 psi @ 150°F	3 1/4"	4 1/4"	Yes	Apollo	40D869
3/4"	20 mesh	300 psi	3 1/2"	3 3/8"	Yes	Zurn Wilkins	22N583
3/4"	20 mesh	400 psi	2 5/8"	3 1/8"	—	—	6NPX0
1"	20 mesh	300 psi	4"	4 1/2"	Yes	Zurn Wilkins	22N584
1 1/4"	16 mesh	400 psi @ 150°F	4 1/4"	5 1/8"	Yes	Apollo	40D871
1 1/2"	20 mesh	300 psi	5"	6 3/8"	Yes	Zurn Wilkins	22N586
1 1/2"	20 mesh	400 psi	4 1/4"	4 7/8"	—	—	6NPX3
2"	16 mesh	400 psi @ 150°F	6"	6 3/8"	Yes	Apollo	40D873
2"	20 mesh	200 psi	7 1/2"	7 1/2"	Yes	Keckley	45AM06
2"	20 mesh	300 psi	6"	7 1/2"	Yes	Zurn Wilkins	22N587
2"	20 mesh	400 psi	5 1/4"	5 3/8"	—	—	6NPX4
2 1/2"	16 mesh	400 psi @ 150°F	5 3/8"	8 3/4"	Yes	Apollo	40D874
3"	20 mesh	300 psi	8 1/2"	10"	Yes	Zurn Wilkins	22N589
3"	20 mesh	400 psi @ 150°F	6 3/8"	9"	Yes	Apollo	40D875
Brass Y Strainers							
1/4"	20 mesh	600 psi	1 1/8"	1 1/8"	Yes	—	20XM08
1/2"	20 mesh	600 psi	2 1/2"	2 3/8"	Yes	—	20XM10
3/4"	20 mesh	600 psi	2 3/4"	2 3/4"	Yes	—	20XM11
1"	20 mesh	600 psi	3"	3"	Yes	—	20XM12
1 1/2"	20 mesh	600 psi	4 1/8"	4 1/8"	Yes	—	20XM14
2"	20 mesh	600 psi	5"	5"	Yes	—	20XM15



Replacement Y Strainer Screens

Replacement screens replace existing Y strainer screens due to wear, damage, or planned maintenance.



**Mesh Screen
3CEU3**

**Perforated Screen
1RNX1**

Screen Size	Screen Material	L	Dia.	Micron Rating	Mfr. Model	Brand	Item No.
Mesh Screen							
20 mesh	CVC	4 5/8"	2 1/2"	1,587 micron	YSX2020022	Hayward	3CEU3
	CPVC	6 1/4"	3 1/2"	1,587 micron	YSX2030022	Hayward	3CEU5
	CVC	8"	4 1/2"	1,587 micron	YSX2040022	Hayward	3CEU7
115 mesh	PVC	4 5/8"	2 1/2"	1,587 micron	YSX1020022	Hayward	3CE72
	Stainless Steel	10"	2"	130 micron	700101-000365	Amiad	1PR22
155 mesh	Polyester	5"	1 1/4"	100 micron	700101-000283	Amiad	2P809
	Polyester	5"	2"	100 micron	700101-000327	Amiad	2P812
	Stainless Steel	5"	1 1/4"	100 micron	700101-000299	Amiad	1PH77
200 mesh	Stainless Steel	5"	2"	100 micron	700101-000337	Amiad	1PH99
	Stainless Steel	5"	3/4"	80 micron	700101-000298	Amiad	1PH96
Perforated Screen							
0.033 in	304 Stainless Steel	4 5/8"	—	—	1 581 cs screwed ends	Mueller Steam	1RNU6
	304 Stainless Steel	10 1/4"	—	—	3 758 n replacement strainer	Mueller Steam	1RNW9
0.045 in	304 Stainless Steel	12 1/4"	—	—	4 758 N replacement screen	Mueller Steam	1RNX1
	304 Stainless Steel	4 3/8"	2"	2,000 micron	20H638	—	20H638