



Y801-10

Y STRAINER

INTRODUCTION

The Y801 Series Y strainer is designed for use in industrial piping systems to remove solid contaminants and particulate matter from the flowing media. As the fluid passes through the straining element constructed of a wire mesh, the strainer provides effective filtration and separation of solids.

The Y Strainer prevents foreign particles from entering downstream equipment, thereby reducing wear, operational failures, and maintenance frequency of valves, pumps, control devices, and instrumentation. It ensures reliable system operation and extends the service life of the entire pipeline system.

TECHNICAL SUMMARY

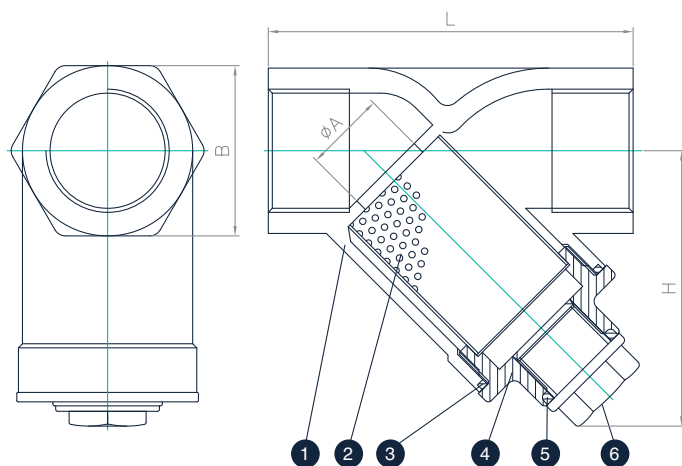
GENERAL FEATURES :

- In stainless steel, 800 psi, 55 bar
- Female threaded BSPP ISO 228-1 OR NPT ASME B1.20.1
- Perforation : 1 mm (other perforation on request)
- SIZE RANGE : 1/4"~3"



CONSTRUCTION - BILL OF MATERIAL

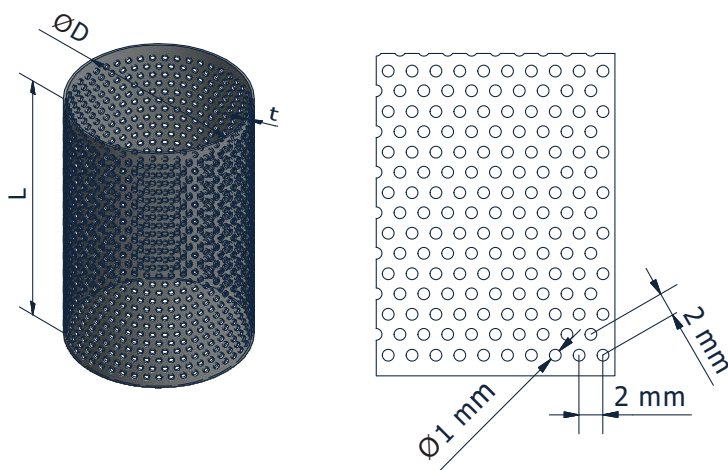
SERIES Y801-10 1/4" ~ 3"



NO.	Parts	Material	Qty
1	Body	ASTM A-351 GR. CF8M	1
2	Screen	SS316(Ø1.0 x P2.0)	1
3	Gasket	PTFE	1
4	Bonnet	ASTM A-351 GR. CF8M	1
5	Plug Gasket	PTFE	1
6	Plug	ASTM A-351 GR. CF8M	1

SCREEN

SIZE	ØD	L	t
1/4"	20	28.0	0.4
3/8"	20	28.0	0.4
1/2"	20	28.0	0.4
3/4"	25	39.0	0.4
1"	32	48.0	0.4
1-1/4"	38	53.0	0.4
1-1/2"	44	62.5	0.4
2"	56	75.0	0.4
2-1/2"	73	90.0	0.4
3"	88	99.5	0.4



DIMENSIONS(mm)

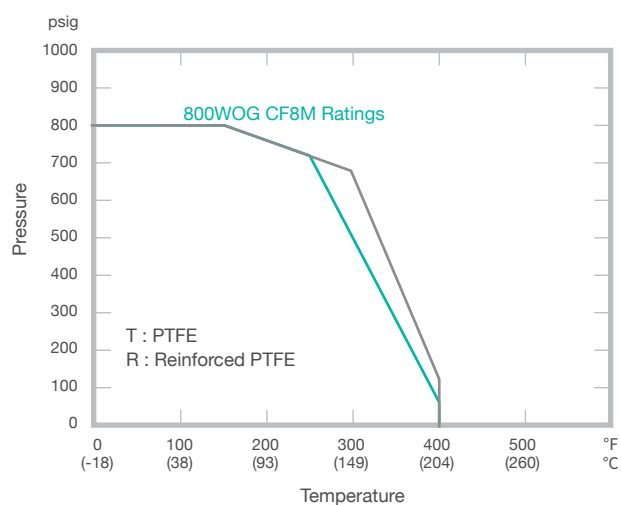
SIZE	A	B	H	L
1/4"	11	23	46	65
3/8"	13	23	46	65
1/2"	15	26	46	65
3/4"	20	32	55	80
1"	25	41	70	90
1-1/4"	32	51	73	105
1-1/2"	38	57	81	120
2"	50	69	94	140
2-1/2"	65	87	120	170
3"	80	102	140	200

TECHNICAL DATA | Cv and Kv values / Weight

Y801-10			
Valve size	Cv values	Kv values	Weight (Kg)
1/4"	2	1.7	0.24
3/8"	3.8	3.2	0.23
1/2"	6.3	5.4	0.23
3/4"	14	11.9	0.36
1"	27	23.0	0.70
1-1/4"	43	36.6	0.90
1-1/2"	64	54.4	1.20
2"	116	98.6	1.90
2-1/2"	185	157.3	4.30
3"	270	229.5	6.30

TECHNICAL DATA | Pressure - Temperature diagram

SERIES : Y801-10
Seat material : PTFE





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