

SERFILCO®

SER-DUCTOR® PRESSURE / FLOW CHART

TECHNICAL
BULLETIN
TA-112
MARCH 2001

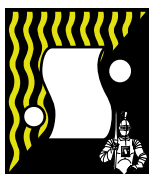
SIZE MNPT	CENTER SPACING	PSI / TDH (feet)								
		10 / 23'	15 / 35'	20 / 46'	25 / 58'	30 / 69'	35 / 81'	40 / 92'	45 / 104'	50 / 116'
		GPM								
1/4"	6 - 8"	3.5	4.0	4.5	5.5	6.0	6.5	7.0	7.1	7.2
3/8"	9 - 12"	7.5	9.2	10.7	11.9	13.1	14.1	15.0	16.0	17.0
3/4"	12 - 16"	13.5	17.0	19.0	21.0	23.0	25.0	27.0	28.0	29.0
1"	16 - 21"	21.0	25.0	29.0	33.0	36.0	39.0	42.0	45.0	47.0
1-1/2"	21 - 27"	33.0	41.0	47.0	53.0	58.0	63.0	67.0	71.0	75.0
Eff. plume length:		5.0'	7.5'	10.0'	12.5'	15.0'	17.5'	20.0'	22.5'	25.0'

NOTE:

Above values are based on Ser-Ductor input flow / PSI. Multiply by 5 for effective output flow per Ser-Ductor nozzle.
Ser-Ductor nozzles are available in PP, CPVC, PVDF, Fe and 316 SS. 1/4" size is available in plastic only.

GENERAL APPLICATION		TURNOVER RANGES	SER-DUCTOR MATERIAL
1	Anodizing	15 - 30X	CPVC, PVDF
2	Al Etch (caustic)	15 - 30X	Fe, SS
3	Al Deox / Desmut (acid)	15 - 30X	CPVC
4	Cleaners, Soak, Electro (alkaline)	15 - 30X	Fe, SS
5	Cleaners, Soak, Electro (acid)	15 - 30X	PP, CPVC, PVDF
6	Acid Pickle	15 - 30X	PP, CPVC, PVDF
7	Microetch and Acid Dips	15 - 30X	PP, CPVC
8	Copper Plate (acid)	60 - 120X	PP, CPVC
9	Copper Plate (CN)	30 - 60X	PP, SS
10	Copper Metallization	20 - 40X	PP
11	Electrolytic Nickel (all)	40 - 80X	PP, CPVC
12	Electroless Nickel	20 - 40X	CPVC, PVDF
13	Chromium Plate	25 - 50X	CPVC, PVDF
14	Zinc Plate (acid)	25 - 50X	PP, CPVC
15	Zinc Plate (alkaline & CN)	20 - 40X	PP, SS
16	Gold Plate (acid)	20 - 40X	PP
17	Silver Plate (CN)	20 - 40X	PP
18	Tin (acid)	15 - 30X	PP, CPVC
19	Solder Plate	15 - 30X	CPVC
20	Water Rinse	15 - 30X	PP, CPVC

Specifications subject to change without notice.



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