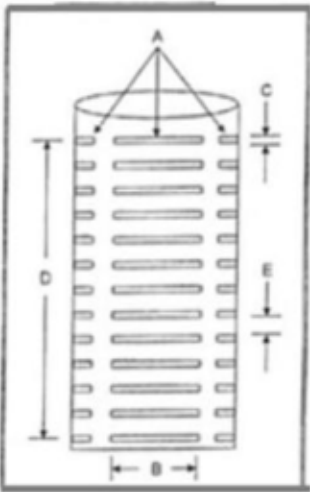


ATLANTIC SCREEN & MANUFACTURING, INC.

Open Area of PVC Slotted Screen Table

Standard pipe sizes and slot pattern. Other sizes and patterns available on request.

- A: Row of slots
- B: Slot
- C: Slot Width
- D: Slot Rows Per Foot
- E: Slot Spacing



Pipe Size	Outside Diameter	Wall Thickness		A Max Rows of Slots	B Slot Length O.D.	
		SCH 40	SCH 80		SCH 40	SCH 80
½"	.840"	.109"	.147"	2	5/8"	5/8"
¾"	1.050"	.113"	.154"	2	3/4"	1"
1"	1.315"	.113"	.179"	2	1-1/8"	1-1/8"
1-1/4"	1.660"	.140"	.191"	3	1-1/4"	1-3/8"
1-1/2"	1.900"	.145"	.200"	3	1-3/8"	1-1/2"
2"	2.375"	.154"	.218"	3	1-3/4"	2"
2-1/2"	2.875"	.203"	.276"	3	2-1/4"	2-1/4"
3"	3.500"	.216"	.300"	3	2-1/2"	2-1/2"
4"	4.500"	.237"	.337"	3	2-3/4"	2-3/4"
4"	4.500"	.237"	.337"	4	2-1/2"	2-1/2"
4-1/2"	4.950"	.248"	N/A	4	3-1/2"	3-1/2"
5"	5.563"	.258"	.375"	4	3-1/2"	3-1/2"
6"	6.625"	.280"	.432"	3	4"	4"
6"	6.625"	.280"	.432"	4	4"	4-1/4"
8"	8.625"	.332"	.500"	5	4"	4"
10"	10.750"	.365"	.593"	6	4-1/4"	4-1/4"
12"	12.750"	.460"	.687"	7	4-1/4"	4-1/4"
14"	14.000"	.438"	.750"	8	4-1/4"	4-1/4"
16"	16.000"	.500"	.843"	8	4-1/4"	4-1/4"
18"	18.000"	.532"	.937"	10	4-3/4"	4-1/2"

C Slot Width	D Slot/Row Foot	E Slot Spacing	
.010" & .015" & .020"	80	1/8"	
	42	1/4"	
	21	1/2"	
	15	3/4"	
	11	1"	
	6	2"	
	4	3"	
	2	6"	
	.032" & .062"	62	1/8"
		36	1/4"
20		1/2"	
14		3/4"	
11		1"	
6		2"	
4		3"	
2		6"	
.093"	32	1/4"	
	19	1/2"	
	13	3/4"	
	11	1"	
	6	2"	
	4	3"	
	2	6"	
	19	1/2"	
.125"	14	3/4"	
	11	1"	
	6	2"	
	4	3"	
	2	6"	
	17	1/2"	
.187"	13	3/4"	
	10	1"	
	5	2"	
	4	3"	
	2	6"	
	16	1/2"	
.250"	12	3/4"	
	10	1"	
	5	2"	
	3.5	3"	
	2	6"	
	14	1/2"	
.375"	11	3/4"	
	9	1"	
	5	2"	
	3.5	3"	
	2	6"	

To calculate approximate open intake open area:

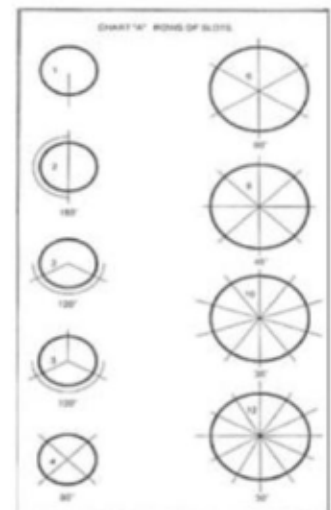
- *Choose Size and Schedule of PVC
- *Choose a slot configuration from chart
 - A. Rows of Slots
 - B. Slot Length
 - C. Slot Width
 - D. Slots per row per foot

*Multiply A x B x C x D for the total open area per foot of slotted PVC Screen

EXAMPLE:

4"SCH 40 with 4 rows of .010" wide slots on 90 degree centers with ¼" spacing.

4 rows (A) x 1.50" (B) x .010 (C) x 42 (D) = 2.52 square inches of open area per foot of slotted PVC screen.



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