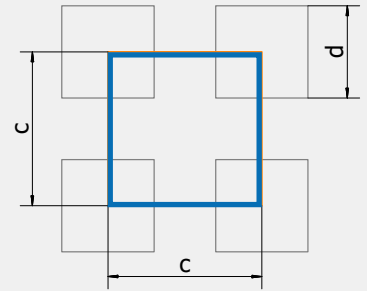


Square Hole (Straight Pattern)

Perforation diameter (**d**)

Center distance (**c**)

$$\text{Open area (\%)} = \frac{d^2}{c^2} \times 100$$



d (mm)	c (mm)	Open area (%)
2	4	25.0
3	5	36.0
3	6	25.0
4	7	32.7
4	8	25.0
5	7	51.0
5	7.5	44.4
5	8	39.1
5	10	25.0
5	14	12.8
5	15	11.1
5	16	9.8
5	20	6.3
5.5	8	47.3
6	7	73.5
6	9	44.4
6	10	36.0
8	10	64.0
8	12	44.4
8	14	32.7
8	15	28.4
8	20	16.0
8	24	11.1
8	28	8.2
8	29	7.6
9	13.5	44.4
10	12	69.4
10	13	59.2
10	13.5	54.9
10	14	51.0
10	15	44.4
10	16	39.1
10	20	25.0

d (mm)	c (mm)	Open area (%)
10	24	17.4
10	26	14.8
10	27	13.7
10	34	8.7
10	38	6.9
10	50	4.0
11	15	53.8
12	17	49.8
12	18	44.4
12	30	16.0
13	18	52.2
15	20	56.3
15	21	51.0
15	23	42.5
15	24	39.1
15	32	22.0
15	45	11.1
16	20	64.0
16	25	41.0
18	24	56.3
18	38	22.4
19	26	53.4
20	26	59.2
20	28	51.0
20	30	44.4
20	32	39.1
20	40	25.0
20	50	16.0
20	52	14.8
20	56	12.8
22	28	61.7
22	30	53.8
22	56	15.4

d (mm)	c (mm)	Open area (%)
22.4	28	64.0
25	28.5	76.9
25	34	54.1
25	35	51.0
25	36	48.2
25	45	30.9
25	50	25.0
25	56	19.9
25	64	15.3
25	68	13.5
25	70	12.8
25	72	12.1
30	35	73.5
30	36	69.4
30	40	56.3
30	76	15.6
33	60	30.3
35	40	76.6
35	60	34.0
35	90	15.1
36	102	12.5
39	49	63.3
40	44	82.6
40	50	64.0
40	55	52.9
40	72	30.9
40	100	16.0
43	50	74.0
44.5	52	73.2
45	78	33.3
50	65	59.2
50	92	29.5