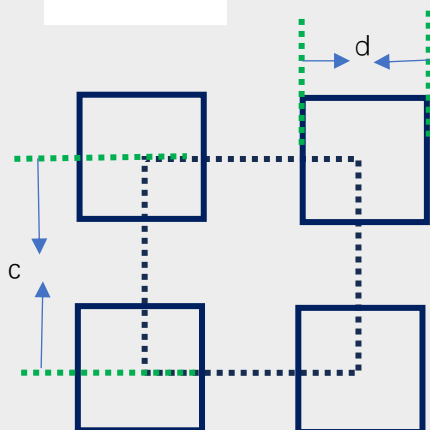
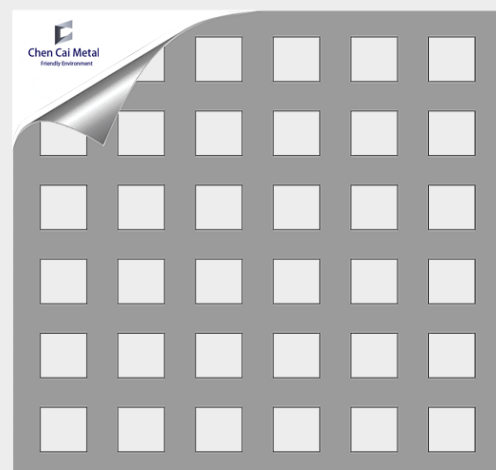




d: Square hole size
c: distance from center to center

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

Square One Way Arrangement



d (mm)	c (mm)	Open Area (%)
2	4	25.07
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

d (mm)	c (mm)	Open Area (%)
10	24	17.4
10	26	14.8
10	27	13.7
10	34	8.7
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
22	28	61.7
22	30	53.8

d (mm)	c (mm)	Open Area (%)
22.4	38	64.0
25	28.5	76.9
25	34	54.1
25	35	51.0
25	26	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
30	35	73.5
30	36	69.4
30	40	56.3
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
43	50	74.0
44.5	52	73.2
45	78	33.3
50	65	59.2
50	92	29.5