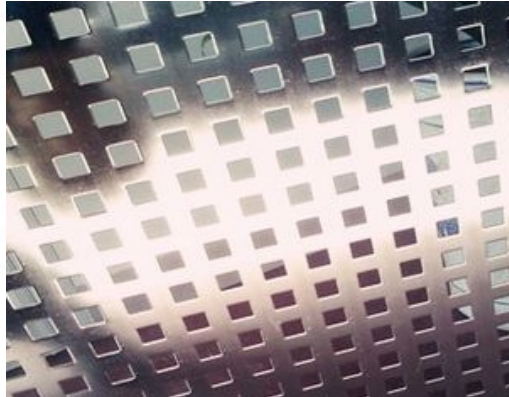
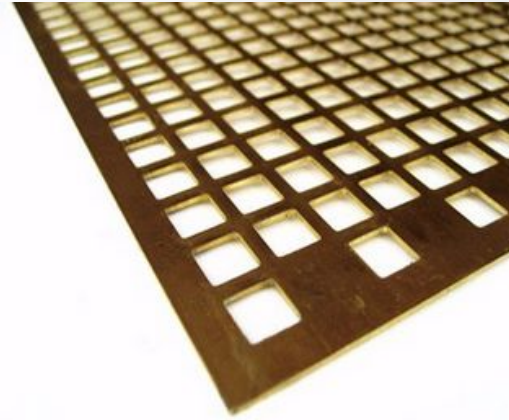




**WIRE MESH**  
WEB WIRE MESH CO.,LTD

## **Perforated Metal Mesh**



## **Square & Triangle & Hexagonal Hole**

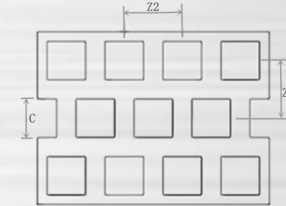
## Perforated Metal Mesh Square & Triangle & Hexagonal Hole

### Square hole Z staggered

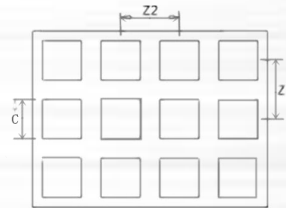
#### Open Area (OA)

Open area is the total area of the holes divided by the total area of the sheets and is expressed as a percent

$$OA (\%) = \frac{C^2 \times 100}{Z1 \times Z2}$$



### Square hole 90° straight



#### Hole size (C)

Stands for length of the side of one square hole

#### Pitch (Z1, Z2)

Stands for center to center distance

### Triangle Hole

$$OA (\%) = \frac{A \times H \times 50}{P1 \times P2}$$

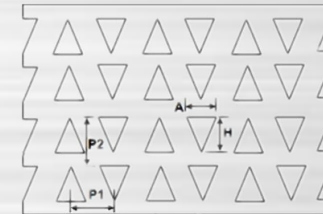
#### Hole size (A,H)

**A** stands for length of the side of one triangle hole

**H** stands for height of one triangle hole

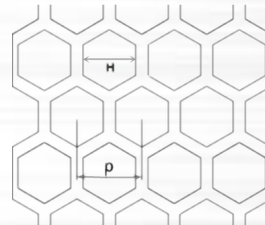
#### Pitch (P1, P2)

Stands for center to center distance



### Hexagonal

$$OA (\%) = \frac{H^2 \times 100}{P^2}$$



#### Hole size (H)

Stands for height of one hexagonal hole

#### Pitch (P)

Stands for center to center distance

## Perforated Metal Mesh Square Hole Z staggered

Hole Size C(mm)	Pitch Z1,Z2(mm)	Open Area %	Weight (Kg/m <sup>2</sup> )								
			T=0.3	T=0.4	T=0.5	T=0.8	T=1.0	T=1.2	T=1.5	T=2.0	T=2.5
3.0	5.0	36.0	1.51	2.01	2.51	4.02	5.02	6.03	7.54	***	***
	6.0	25.0	1.77	2.36	2.94	4.71	5.89	7.07	8.83	***	***
4.0	6.0	44.4	***	1.74	2.18	3.49	4.36	5.23	6.54	***	***
	7.0	32.7	***	2.11	2.64	4.23	5.29	6.34	7.93	***	***
	8.0	25.0	***	2.36	2.94	4.71	5.89	7.07	8.83	***	***
5.0	7.0	51.0	***	***	1.92	3.08	3.84	4.61	5.77	7.69	***
	8.0	39.1	***	***	2.39	3.83	4.78	5.74	7.18	9.57	***
	9.0	30.9	***	***	2.71	4.34	5.43	6.51	8.14	10.85	***
	10.0	25.0	***	***	2.94	4.71	5.89	7.07	8.83	11.78	***
6.0	9.0	44.4	***	***	***	3.49	4.36	5.23	6.54	8.72	***
	10.0	36.0	***	***	***	4.02	5.02	6.03	7.54	10.05	***
	12.0	25.0	***	***	***	4.71	5.89	7.07	8.83	11.78	***
7.0	10.0	49.0	***	***	***	3.20	4.00	4.80	6.01	8.01	***
	12.0	34.0	***	***	***	4.14	5.18	6.21	7.77	10.36	***
	15.0	21.8	***	***	***	4.91	6.14	7.37	9.21	12.28	***
8.0	10.0	64.0	***	***	***	2.26	2.83	3.39	4.24	5.65	***
	12.0	44.4	***	***	***	3.49	4.36	5.23	6.54	8.72	10.90
	15.0	28.4	***	***	***	4.49	5.62	6.74	8.43	11.23	14.04
	20.0	16.0	***	***	***	5.28	6.59	7.91	9.89	13.19	16.49

## Perforated Metal Mesh Square Hole Z staggered

Hole Size C(mm)	Pitch Z1,Z2(mm)	Open Area %	Weight (Kg/m <sup>2</sup> )								
			T=1.0	T=1.2	T=1.5	T=2.0	T=2.5	T=3.0	T=4.0	T=5.0	T=6.0
10.0	12.0	69.4	2.40	2.88	3.60	4.80	6.00	***	***	***	***
	14.0	51.0	3.84	4.61	5.77	7.69	9.61	***	***	***	***
	15.0	44.4	4.36	5.23	6.54	8.72	10.90	***	***	***	***
	20.0	25.0	5.89	7.07	8.83	11.78	14.72	***	***	***	***
15.0	20.0	56.3	***	***	5.15	6.87	8.59	10.30	13.74	***	***
	25.0	36.0	***	***	7.54	10.05	12.56	15.07	20.10	***	***
	30.0	25.0	***	***	8.83	11.78	14.72	17.66	23.55	***	***
20.0	25.0	64.0	***	***	***	5.65	7.07	8.48	11.30	14.13	***
	28.0	51.0	***	***	***	7.69	9.61	11.53	15.38	19.22	***
	40.0	25.0	***	***	***	11.78	14.72	17.66	23.55	29.44	***
25.0	50.0	25.0	***	***	***	***	14.72	17.66	23.55	29.44	35.33
	60.0	17.4	***	***	***	***	16.22	19.46	25.95	32.44	38.92
30.0	60.0	25.0	***	***	***	***	***	17.66	23.55	29.44	35.33
40.0	50.0	64.0	***	***	***	***	***	***	11.30	14.13	16.96
	80.0	25.0	***	***	***	***	***	***	23.55	29.44	35.33

## Perforated Metal Mesh Square Hole 90° straight

Hole Size C(mm)	Pitch Z1,Z2(mm)	Open Area %	Weight (Kg/m <sup>2</sup> )								
			T=0.3	T=0.4	T=0.5	T=0.8	T=1.0	T=1.2	T=1.5	T=2.0	T=2.5
3.0	5.0	36.0	1.51	2.01	2.51	4.02	5.02	6.03	7.54	***	***
	7.0	32.7	***	2.11	2.64	4.23	5.29	6.34	7.93	***	***
4.0	8.0	25.0	***	2.36	2.94	4.71	5.89	7.07	8.83	***	***
	8.0	39.1	***	***	2.39	3.83	4.78	5.74	7.18	9.57	***
5.0	16.0	9.8	***	***	3.54	5.67	7.08	8.50	10.63	14.17	***
	9.0	44.4	***	***	***	3.49	4.36	5.23	6.54	8.72	***
6.0	10.0	49.0	***	***	***	3.20	4.00	4.80	6.01	8.01	***
	10.0	64.0	***	***	***	2.26	2.83	3.39	4.24	5.65	***
8.0	11.0	52.9	***	***	***	2.96	3.70	4.44	5.55	7.40	9.24
	12.0	44.4	***	***	***	3.49	4.36	5.23	6.54	8.72	10.90
	24.0	11.1	***	***	***	5.58	6.98	8.37	10.47	13.96	17.44
10.0	12.0	69.4	***	***	***	***	2.40	2.88	3.60	4.80	6.00
	13.0	59.2	***	***	***	***	3.21	3.85	4.81	6.41	8.01
	14.0	51.0	***	***	***	***	3.84	4.61	5.77	7.69	9.61
	15.0	44.4	***	***	***	***	4.36	5.23	6.54	8.72	10.90

## Perforated Metal Mesh Square Hole 90° straight

Hole Size C(mm)	Pitch Z1,Z2(mm)	Open Area %	Weight (Kg/m <sup>2</sup> )						
			T=1.5	T=2.0	T=2.5	T=3.0	T=4.0	T=5.0	T=6.0
15.0	20.0	56.3	5.15	6.87	8.59	10.30	13.74	***	***
	40.0	14.1	10.12	13.49	16.87	20.24	26.98	***	***
	60.0	6.3	11.04	14.72	18.40	22.08	29.44	***	***
20.0	30.0	44.4	***	8.72	10.90	13.08	17.44	21.81	***
	35.0	32.7	***	10.57	13.22	15.86	21.15	26.43	***
	50.0	16.0	***	13.19	16.49	19.78	26.38	32.97	***
25.0	30.0	69.4	***	***	6.00	7.20	9.59	11.99	14.39
	35.0	51.0	***	***	9.61	11.53	15.38	19.22	23.07
	70.0	12.8	***	***	17.12	20.55	27.39	34.24	41.09
30.0	60.0	25.0	***	***	***	17.66	23.55	29.44	35.33

## Perforated Metal Mesh

### Triangle Hole

Hole Size H mm	Pitch P1xP2 mm	Open Area %	Weight (Kg/m <sup>2</sup> )						
			T=0.5	T=0.8	T=1.0	T=1.2	T=1.5	T=2.0	T=2.5
3.0	3.2x4.2	28.9	2.79	4.46	5.58	6.70	8.37	***	***
4.0	3.8x5.2	35.1	2.55	4.08	5.10	6.12	7.65	***	***
5.0	4.4x6.3	38.9	2.40	3.84	4.80	5.76	7.19	***	***
6.0	5.1x7.3	41.7	***	3.66	4.58	5.50	6.86	9.15	***
7.0	5.8x8.4	43.4	***	3.55	4.44	5.33	6.66	8.89	***
8.0	6.4x9.4	45.9	***	3.40	4.25	5.10	6.37	8.49	***
9.0	7.0x10.4	48.1	***	***	4.07	4.88	6.11	8.15	10.18
10.0	8.2x11.3	46.6	***	***	4.19	5.03	6.29	8.38	10.47

## Perforated Metal Mesh

### Hexagonal Hole

Hole Size H mm	Pitch P mm	Open Area %	Weight (Kg/m <sup>2</sup> )						
			T=0.5	T=0.8	T=1.0	T=1.2	T=1.5	T=2.0	T=2.5
4.5	5.0	81.0	0.75	***	***	***	***	***	***
6.0	6.7	80.2	0.78	***	***	***	***	***	***
	7.5	64.0	1.42	2.26	2.83	3.39	4.24	***	***
6.3	7.10	80.0	***	1.26	***	***	***	***	***
	12.7	25.0	***	4.71	5.89	7.07	8.83	11.78	***
11.5	12.7	81.0	***	***	***	1.70	***	***	***
	22.2	27.0	***	***	***	6.86	8.62	11.49	14.36
12.7	14.3	79.0	***	***	***	***	2.49	***	***

## Perforated Metal Mesh Square & Triangle & Hexagonal Hole



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