



PLAIN WEAVE STAINLESS STEEL MESH

Mesh/Inch	Wire Diameter		Aperture		Open Area %	Weight(LB) /100 Square Foot
	Inch	MM	Inch	MM		
1 * 1	0.08	2.03	0.92	23.37	84.6	41.1
2 * 2	0.063	1.6	0.437	11.1	76.4	51.2
3 * 3	0.054	1.37	0.279	7.09	70.1	56.7
4 * 4	0.063	1.6	0.187	4.75	56	104.8
4 * 4	0.047	1.19	0.203	5.16	65.9	57.6
5 * 5	0.041	1.04	0.159	4.04	63.2	54.9
6 * 6	0.035	0.89	0.132	3.35	62.7	48.1
8 * 8	0.028	0.71	0.097	2.46	60.2	41.1
10 * 10	0.025	0.64	0.075	1.91	56.3	41.2
10 * 10	0.02	0.51	0.08	2.03	64	26.1
12 * 12	0.023	0.584	0.06	1.52	51.8	42.2
12 * 12	0.02	0.508	0.063	1.6	57.2	31.6
14 * 14	0.023	0.584	0.048	1.22	45.2	49.8
14 * 14	0.02	0.508	0.051	1.3	51	37.2
16 * 16	0.018	0.457	0.0445	1.13	50.7	34.5
18 * 18	0.017	0.432	0.0386	0.98	48.3	34.8
20 * 20	0.02	0.508	0.03	0.76	36	55.2
20 * 20	0.016	0.406	0.034	0.86	46.2	34.4
24 * 24	0.014	0.356	0.0277	0.7	44.2	31.8
30 * 30	0.013	0.33	0.0203	0.52	37.1	34.8
30 * 30	0.012	0.305	0.0213	0.54	40.8	29.4
30 * 30	0.009	0.229	0.0243	0.62	53.1	16.1
35 * 35	0.011	0.279	0.0176	0.45	37.9	29
40 * 40	0.01	0.254	0.015	0.38	36	27.6
50 * 50	0.009	0.229	0.011	0.28	30.3	28.4
50 * 50	0.008	0.203	0.012	0.31	36	22.1
60 * 60	0.0075	0.191	0.0092	0.23	30.5	23.7
60 * 60	0.007	0.178	0.0097	0.25	33.9	20.4
70 * 70	0.0065	0.165	0.0078	0.2	29.8	20.8
80 * 80	0.0065	0.165	0.006	0.15	23	23.2
80 * 80	0.0055	0.14	0.007	0.18	31.4	16.9
90 * 90	0.005	0.127	0.0061	0.16	30.1	15.8

100 * 100	0.0045	0.114	0.0055	0.14	30.3	14.2
100 * 100	0.004	0.102	0.006	0.15	36	11
100 * 100	0.0035	0.089	0.0065	0.17	42.3	8.3
110 * 110	0.004	0.1016	0.0051	0.1295	30.7	12.4
120 * 120	0.0037	0.094	0.0064	0.1168	30.7	11.6
150 * 150	0.0026	0.066	0.0041	0.1041	37.4	7.1
160 * 160	0.0025	0.0635	0.0038	0.0965	36.4	5.94
180 * 180	0.0023	0.0584	0.0033	0.0838	34.7	6.7
200 * 200	0.0021	0.0533	0.0029	0.0737	33.6	6.2
250 * 250	0.0016	0.0406	0.0024	0.061	36	4.4
270 * 270	0.0016	0.0406	0.0021	0.0533	32.2	4.7
300 * 300	0.0051	0.0381	0.0018	0.0457	29.7	3.04
325 * 325	0.0014	0.0356	0.0017	0.0432	30	4.4
400 * 400	0.001	0.0254	0.0015	0.37	36	3.3
500 * 500	0.001	0.0254	0.001	0.0254	25	3.8
635 * 635	0.0008	0.0203	0.0008	0.0203	25	2.63

Remark: The above data are theoretic, please reference the actual data if there it differs.

Information:

Material: SUS302, 304, 304L, 316, 316L, etc.

Specification: 1 x 1-635 x 635 mesh (0.02-23mm)

Width: 1 meter, 1.22 meters, can be customized

Roll length: 30 meters, can be customized

Weaving method: twill weave, mat twill weave

Advantage:

1. The filtering effect is very stable: high-quality raw materials are selected in the process of production, so that it is not easily deformed during use;
2. High strength: high-quality materials have high pressure resistance and can withstand large working strength;
3. the cleaning is simple: the single layer of filter material has the characteristics of simple cleaning, especially suitable for backwashing;
4. with high temperature resistance: can withstand high temperatures of about 480°C;
5. with corrosion resistance: stainless steel raw materials themselves have high corrosion resistance and wear
6. easy to process: high-quality materials, whether it is cutting, bending, stretching, welding and other procedures can be done very well.

Application:

1. For screening and filtration under acid and alkali conditions.
2. The petroleum industry is used as a mud net, a chemical fiber industry as a sieve screen, and an electroplating industry as a pickling net.
3. Used in the industrial and construction industries to screen sand and filter liquids and gases.

