

Rowe Equipment Inc, Process Filtration

Mesh	WIRE DIAMETER		WIDTH OF OPENING		PERCENT OPEN AREA	WEIGHT IN POUNDS PER 100 SQ. FT
	IN INCHES	IN M. M.	IN INCHES	IN M. M.		STEEL
3/4	0.105	2.67	0.645	16.38	73.8	95.0
2	.120	3.05	.380	9.65	57.8	189.6
	.105	2.67	.395	10.03	62.4	144.2
	.080	2.03	.420	10.67	70.6	83.0
	.063	1.60	.437	11.10	76.4	51.2
3	.080	2.03	.253	6.43	57.6	126.4
	.063	1.60	.270	6.86	65.6	77.6
	.054	1.37	.279	7.09	70.1	56.7
4	.105	2.67	.145	3.68	33.6	306.2
	.080	2.03	.170	4.32	46.2	172.1
	.063	1.60	.187	4.75	56.0	104.8
	.047	1.19	.203	5.16	65.9	57.6
6	.035	.89	.215	5.46	74.0	31.7
	.063	1.60	.104	2.64	38.9	163.0
	.047	1.19	.120	3.05	51.8	88.2
8	.035	.89	.132	3.35	62.7	48.1
	.035	.89	.090	2.29	51.8	65.1
	.032	.81	.093	2.36	55.4	54.1
9	.028	.71	.097	2.46	60.2	41.1
	.028	.71	.083	2.11	55.8	46.6
	.035	.89	.065	1.65	42.3	83.1
	.032	.81	.068	1.73	46.2	68.8
10	.028	.71	.072	1.83	51.8	52.1
	.025	.64	.075	1.91	56.3	41.2
	.032	.813	.051	1.30	37.5	84.3
	.028	.711	.055	1.40	73.6	63.5
12	.023	.854	.060	1.52	51.8	42.2
	.017	.432	.066	1.68	62.7	22.7
	.025	.635	.046	1.17	41.5	59.3
	.023	.584	.048	1.22	45.2	49.8
14	.020	.508	.051	1.30	51.0	37.2
	.023	.584	.040	1.00	39.9	57.7
	.020	.508	.043	1.08	46.2	43.0
16	.018	.457	.045	1.13	50.7	34.5
	3025	.635	.031	.78	30.3	75.0
	.020	.508	.036	.90	41.1	49.0
18	.017	.432	.039	.98	48.3	34.8
	.025	.635	.025	.64	25.0	8530
	.023	.584	.027	.69	29.2	70.5
	.020	.508	.030	.76	36.0	55.2
	.018	.457	.032	.81	41.0	44.1
	.016	.406	.034	.86	46.2	34.4
20	.014	.356	.036	.91	51.8	26.1
	.028	.711	.018	.45	14.9	123.2
	.018	.457	.024	.60	32.4	51.5
24	.016	.406	.026	.65	38.0	42.1
	.014	.356	.028	.70	44.2	31.8
	*.018	.457	.021	.52	28.4	56.6
26	.015	.381	.021	.53	33.6	43.7
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MESH	WIRE DIAMETER		WIDTH OF OPENING		PERCENT OPEN AREA	WEIGHT IN POUNDS PER 100 SQ. FT
	IN INCHES	IN M. M.	IN INCHES	IN M. M.		STEEL
30	.014	.356	.019	.49	33.5	40.8
	.013	.330	.020	.52	37.1	34.8
	.012	.305	.021	.54	40.8	29.4
	.011	.279	.022	.57	44.8	24.5
35	.013	.330	.016	.40	29.8	41.6
	0.011	0.279	0.018	0.45	37.9	29
40	.013	.330	.012	.31	23.0	48.8
	.012	.305	.013	.33	27.0	40.9
	*.010	.254	.015	.38	36.0	27.6
45	*.0095	.241	.013	.32	32.7	28.3
50	*.009	.229	.011	.28	30.3	28.4
60	.009	.229	.008	.20	21.3	33.5
	*.0075	0.191	0.009	0.23	30.5	23.7
70	*.0065	.165	.008	.20	29.8	20.8
80	*.0055	.140	.007	.19	31.4	16.9
100	.0045	.114	.006	.14	30.3	14.2

**Micron Ratings and Weights are approximate in Dutch Weave Filter Cloth. One Micron is .00003937".

SQUARE MESH WIRE CLOTH TWILLED WEAVE... SIZES AND WEIGHTS

MESH	DIA. IN INCHES	DIAM IN M.M	WIDTH IN INCHES	WIDTH IN M.M.	PERCENT OPEN AREA	**WEIGHT IN POUNDS PER 100 SQ. FT
120	*.0035	0.0889	.0048	.122	60.0	13.0
150	*.0026	.060	.0041	.1041	37.8	8.0
200	*.0021	.0533	.0029	.0737	33.6	70.0
250	*.0016	.0406	.0024	.0610	36.0	5.1

PLAIN DUTCH WEAVE	***MICRON RATING	WEIGHT IN POUNDS PER 100 SQ. FT.
† 12 X 64 MESH	295	83
† 14 X 88 MESH	245	64
§ 14 X 100 MESH	220	44
§ 24 X 110 MESH	155	55
§ 40 X 200 MESH	75	27
§ 50 X 250 MESH	62	20

PLAIN DUTCH WEAVE	***MICRON RATING	WEIGHT IN POUNDS PER 100 SQ. FT.
§ 20 X 200 MESH	110	70
§ 20 X 250 MESH	80	57
§ 80 X 700 MESH	31	24
§ 120 X 400 MESH	45	14
§ 165 X 800 MESH	35	15
§ 165 X 1400 MESH	21	14
§ 200 X 1400 MESH	12	17

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