

## STRAINER GRADES OF WIRE CLOTH

Strainer Grade specifications have an off count mesh; shute wires are spaced at least 5% wider than the warp wire spacing creating rectangular mesh openings. Hence, offering greater flow rates by having a greater open area percentage than comparable mesh counts in Market Grade and Mill Grade specifications. The geometry of the Strainer Grade specifications make it easier to form into a shape. Strainer grade specifications are available in many different materials to better suit your application needs.

Mesh Count	Wire Diameter		Calculated Opening Size (Width x Length)		Open Area Percentage
	(inches)	(mm)	(inches)	(mm)	
40 x 30	0.0095	0.24	0.0155 x 0.0238	0.39 x 0.61	44.3%
40 x 33	0.010	0.25	0.0150 x 0.0203	0.38 x 0.52	40.2%
40 x 36	0.0105	0.27	0.0145 x 0.0173	0.37 x 0.44	36.1%
40 x 36	0.010	0.25	0.0150 x 0.0178	0.38 x 0.45	38.4%
40 x 36	0.0095	0.24	0.0155 x 0.0183	0.39 x 0.46	40.8%
45 x 36	0.010	0.25	0.0122 x 0.0178	0.31 x 0.45	35.2%
50 x 36	0.007	0.18	0.0130 x 0.0208	0.33 x 0.53	48.6%
50 x 40	0.010	0.25	0.0100 0.0150	0.25 0.38	30.0%
50 x 40	0.0095	0.24	0.0105 0.0155	0.27 0.39	32.6%
50 x 40	0.0090	0.23	0.0110 x 0.0160	0.28 x 0.41	35.2%
50 x 40	0.0085	0.22	0.0115 x 0.0165	0.29 x 0.42	38.0%
50 x 40	0.008	0.20	0.0120 x 0.0170	0.30 x 0.43	40.8%
50 x 50	0.0065	0.17	0.0135 x 0.0135	0.34 x 0.34	45.6%
50 x 41	0.0095	0.24	0.0105 x 0.0149	0.27 x 0.38	32.1%
60 x 40	0.009	0.23	0.0077 x 0.0160	0.19 x 0.41	29.4%
60 x 40	0.0065	0.17	0.0102 x 0.0185	0.26 x 0.47	45.1%
60 x 42	0.009	0.23	0.0077 x 0.0148	0.19 x 0.38	28.6%
60 x 43	0.009	0.23	0.0077 x 0.0143	0.19 x 0.36	28.2%
60 x 43	0.0085	0.22	0.0082 x 0.0148	0.21 x 0.37	31.1%
60 x 50	0.0075	0.19	0.0092 x 0.0125	0.23 x 0.32	34.4%
60 x 50	0.0065	0.17	0.0102 x 0.0135	0.26 x 0.34	41.2%
60 x 54	0.011	0.28	0.0057 x 0.0075	0.14 x 0.19	13.8%
60 x 56	0.0065	0.17	0.0102 x 0.0114	0.26 x 0.29	38.8%
70 x 50	0.008	0.20	0.0063 x 0.0120	0.16 x 0.30	26.4%
70 x 50	0.0075	0.19	0.0068 x 0.0125	0.17 x 0.32	29.7%
70 x 52	0.008	0.20	0.0063 x 0.0112	0.16 x 0.29	25.7%
70 x 59	0.0065	0.17	0.0078 x 0.0104	0.20 x 0.27	33.6%
80 x 58	0.0065	0.17	0.006 x 0.01074	0.15 x 0.27	29.9%
80 x 60	0.0065	0.17	0.006 x 0.01017	0.15 x 0.26	29.3%
80 x 67	0.0055	0.14	0.007 x 0.00943	0.18 x 0.24	35.4%
* 80 x 70	0.007	0.18	0.0055 x 0.0073	0.14 x 0.19	22.4%
80 x 70	0.0055	0.14	0.0070 x 0.0088	0.18 x 0.22	34.4%
80 x 70	0.005	0.13	0.0075 x 0.0093	0.19 x 0.24	39.0%
* 80 X 74	0.007	0.18	0.0055 0.0065	0.14 0.17	21.2%
* 80 x 78	0.008	0.20	0.0045 x 0.0048	0.11 x 0.12	13.5%
90 x 70	0.006	0.15	0.0051 x 0.0083	0.13 x 0.21	26.7%
90 x 76	0.005	0.13	0.0061 x 0.0082	0.16 x 0.21	34.1%
90 x 80	0.005	0.13	0.0061 x 0.0075	0.16 x 0.19	33.0%
100 x 80	0.0045	0.11	0.0055 x 0.0080	0.14 x 0.20	35.2%
100 x 84	0.0045	0.11	0.0055 x 0.0074	0.14 x 0.19	34.2%
100 x 90	0.0045	0.11	0.0055 x 0.0066	0.14 x 0.17	32.7%
120 x 101	0.0035	0.09	0.0048 x 0.0064	0.12 x 0.16	37.5%
120 x 108	0.0035	0.09	0.0048 x 0.0058	0.12 x 0.15	36.1%
150 x 140	0.0025	0.06	0.0042 x 0.0046	0.11 x 0.12	40.6%
200 x 190	0.0021	0.05	0.0029 x 0.0032	0.07 x 0.08	34.9%

\* Twill Weave