w.s.tyler

WIRE CLOTH HANDBOOK

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A Haver & Boecker Company

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APPROXIMATE ROUND AND SQUARE OPENING EQUIVALENTS FOR TESTING SIEVES

Square Openings	Round Openings	Square Openings.	Round Openings
4"	4-3/4"	1-1/4"	1-1/2"
3-3/4"	4-1/2"	1-1/8"	1-3/8"
3-1/2"	4-1/4"	1"	1-1/4"
3-5/16"	4"	7/8"	1"
3-1/8"	3-3/4"	3/4"	7/8"
3"	3-1/2"	5/8"	3/4"
2-3/4"	3-1/4"	1/2"	5/8"
2-1/2"	3"	3/8"	1/2"
2-1/4"	2-3/4"	5/16"	3/8"
2-1/8"	2-1/2"	1/4"	5/16"
2"	2-3/8"	3/16"	1/4"
1-7/8"	2-1/4"	5/32"	3/16"
1-3/4"	2"	3/32"	1/8"
1-1/2"	1-3/4"		

FORMULAS FOR CALCULATING WEIGHTS OF VARIOUS METALS

Standard weights of wire cloth in any of following metals will be found to be perecentages, as noted, of the standard weights of Plain Steel Wire Cloth.

Pure Iron .....100.22% of Plain Steel
Copper .....113.35% of Plain Steel
Brass .....110.51% of Plain Steel
Commercial Bronze .....112.25% of Plain of Steel
Phosphor Bronze .....113.09% of Plain Steel
Everdur and Olympic Bronze .....108.89% of Plain Steel
Pure Nickel .....112.84% of Plain Steel
Stainsless Steel (18/8).....100.98% of Plain Steel
Monel ..... 113.33% of Plain Steel
Nichrome, Regular .....104.45% of Plain Steel
Nichrome V .....106.54 of Plain Steel
Silver .....134.62% of Plain Steel
Gold ..... 247.44% of Plain Steel
Platinum.....275.64% of Plain Steel
Aluminium, Pure .....34.70% of Plain Steel
Aluminium (56-S) .....34.17 of Plain Steel

ACTUAL SIZES OF WIRE

(Show in Decimals of Inch)

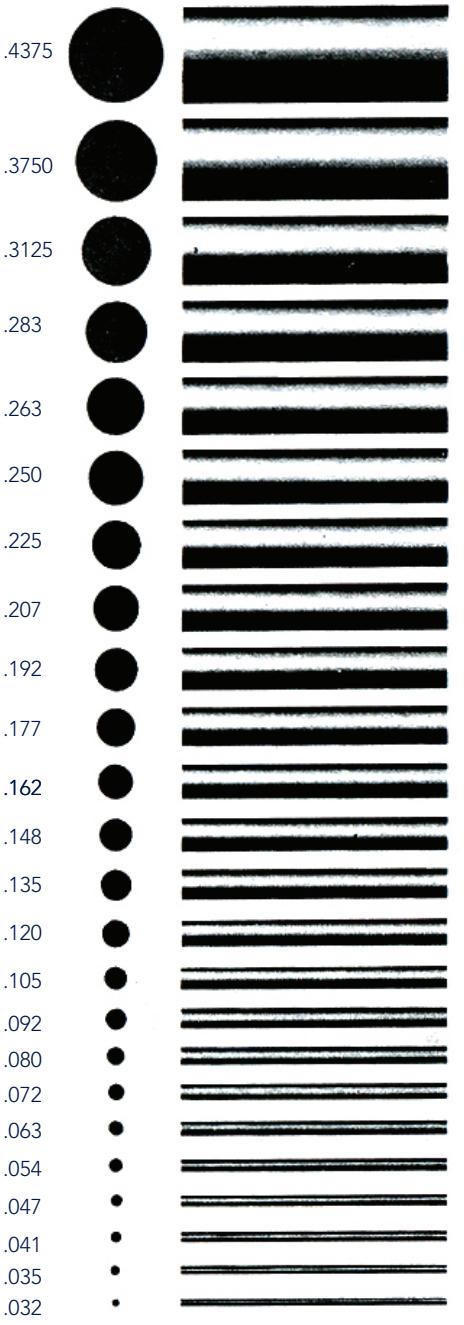


TABLE SHOWING COMPARATIVE DECIMAL DIAMETERS OF VARIOUS WIRE GAUGES

Tyler Industrial Wire Cloth Standard			Decimal Equivalents of Various Gauge Numbers				
Diameter Decimal of Inch	M.M.	Weight lbs. per 100 Linear Feet	Gauge Number	Washburn & Moen	British Imperial Standard (S.W.G.)	Birmingham or Stubs	American or Brown & Sharp
0.307	7.8	25.14	0	.3065	.324	.340	.3249
0.283	7.19	21.36	1	.2830	.300	.300	.2893
0.263	6.68	18.45	2	.2625	.276	.284	.2576
0.25	6.35	16.67	3	.2437	.252	.259	.2294
0.225	5.72	13.5	4	.2253	.232	.238	.2043
0.207	5.26	11.43	5	.2070	.212	.220	.1819
0.192	4.88	9.832	6	.1920	.192	.203	.1620
0.177	4.5	8.356	7	.1770	.176	.180	.1442
0.162	4.11	7	8	.1620	.160	.165	.1284
0.148	3.76	5.842	9	.1483	.144	.148	.1144
0.135	3.43	4.861	10	.1350	.128	.134	.1018
0.12	3.05	3.841	11	.1205	.116	.120	.0907
0.105	2.67	2.941	12	.1055	.104	.109	.0808
0.092	2.34	2.258	13	.0915	.092	.095	.0719
0.08	2.03	1.707	14	.0800	.080	.083	.0640
0.072	1.83	1.383	15	.0720	.072	.072	.0570
0.063	1.6	1.059	16	.0625	.064	.065	.0508
0.054	1.37	0.7778	17	.0540	.056	.058	.0452
0.047	1.19	0.5892	18	.0475	.048	.049	.0403
0.041	1.04	0.4484	19	.0410	.040	.042	.0358
0.035	0.89	0.3267	20	.0348	.036	.035	.0319
0.032	0.81	0.2731	21	.0317	.032	.032	.0284
0.028	0.71	0.2091	22	.0286	.028	.028	.0253
0.025	0.64	0.1667	23	.0258	.024	.025	.0225
0.023	0.58	0.1411	24	.0230	.022	.022	.0201
0.02	0.51	0.1067	25	.0204	.020	.020	.0179
0.018	0.46	0.08642	26	.0181	.018	.018	.0159
0.017	0.432	0.07708	27	.0173	.0164	.016	.0141
0.016	0.406	0.06828	28	.0162	.0148	.014	.0126
0.015	0.381	0.06001	29	.0150	.0136	.013	.0112
0.014	0.358	0.05228	30	.0140	.0124	.012	.0100
0.0135	0.343	0.04861	31	.0132	.0116	.010	.0089
0.013	0.33	0.04508	32	.0128	.0108	.009	.0079
0.012	0.305	0.03841					
0.011	0.279	0.03227	33	.0118	.0100	.008	.0070
0.01	0.254	0.02667	34	.0104	.0092	.007	.0063
0.0095	0.241	0.02407	35	.0095	.0084	.005	.0056
0.009	0.229	0.0216	36	.0090	.0076	.004	.005
0.0085	0.216	0.01927	37	.0085	.0068		.044
0.008	0.203	0.01707	38	.0080	.0060		.0039
0.0075	0.191	0.015	39	.0075	.0052		.0035
0.007	0.178	0.01307	40	.0070	.0048		.0031
0.0065	0.165	0.01127					
0.006	0.152	0.009602					
0.0055	0.14	0.008068					
0.005	0.127	0.006668					
0.0045	0.114	0.005401					
0.004	0.102	0.004268					
0.0035	0.089	0.003267					
0.003	0.076	0.0024					

LENGTH: INCHES AND MILLIMETERS

1/2's	1/4's	8ths	16ths	32ds	64ths	Millimeters	Decimals of an inch	Inch	1/2's	1/4's	8ths	16ths	32nds	64ths	Millimeters	Decimals of an inch
					1	=0.397	0.015625							33	=13.097	0.515625
				1	2	=0.794	0.03125						17	34	=13.194	0.53125
					3	=1.191	0.046875							35	=13.891	0.546875
			1	2	4	=1.588	0.0625					9	18	36	=14.288	0.5625
					5	=1.984	0.078125							37	=14.684	0.578125
				3	6	=2.381	0.09375						19	38	=15.081	0.59375
					7	=2.778	0.109375							39	=15.478	0.609375
		1	2	4	8	=3.175	0.1250				5	10	20	40	=15.875	0.625
					9	=3.572	0.140625							41	=16.272	0.640625
				5	10	=3.969	0.15625						21	42	=16.669	0.65625
					11	=4.366	0.171875							43	=17.066	0.671875
			3	6	12	=4.763	0.1875					11	22	44	=17.463	0.6875
					13	=5.159	0.203125							45	=17.859	0.703125
				7	14	=5.556	0.21875						23	46	=18.256	0.71875
					15	=5.953	0.234375							47	=18.653	0.734375
	1	2	4	8	16	=6.350	0.2500			3	6	12	24	48	=19.050	0.75
					17	=6.747	0.265625							49	=19.4747	0.765625
				9	18	=7.144	0.28125						25	50	=19.844	0.78125
					19	=7.541	0.296875							51	=20.241	0.796875
			5	10	20	=7.938	0.3125					13	26	52	=20.638	0.8125
					21	=8.334	0.328125							53	=21.034	0.828125
				11	22	=8.731	0.34375						27	54	=21.431	0.84375
					23	=9.128	0.359375							55	=21.828	0.859375
		3	6	12	24	=9.525	0.3750				7	14	28	56	=22.225	0.875
					25	=9.922	0.390625							57	=22.622	0.890625
				13	26	=10.319	0.40625						29	58	=23.019	0.90625
					27	=10.716	0.421875							59	=23.416	0.921875
			7	14	28	=11.113	0.4375					15	30	60	=23.813	0.9375
					29	=11.509	0.453125							61	=24.209	0.953125
				15	30	=11.906	0.46875						31	62	=24.606	0.96875
					31	=12.303	0.484375							63	=25.003	0.984375
1	2	4	8	16	32	=12.700	0.5	1	2	4	8	16	32	64	=25.400	1

LENGTH: HUNDREDTHS OF AN INCH TO MILLIMETERS

Hundredths of an Inch	0	1	2	3	4	5	6	7	8	9
	0	0.254	0.508	0.762	1.016	1.270	1.524	1.778	2.032	2.286
10	2.54	2.794	3.048	3.302	3.556	3.810	4.064	4.318	4.572	4.826
20	5.08	5.334	5.588	5.842	6.096	6.350	6.604	6.858	7.112	7.366
30	7.62	7.874	8.128	8.382	8.636	8.890	9.144	9.398	9.652	9.906
40	10.16	10.414	10.668	10.922	11.176	11.430	11.684	11.938	12.192	12.446
50	12.7	12.954	13.208	13.462	13.716	13.970	14.224	14.478	14.732	14.986
60	15.24	15.494	15.748	16.002	16.256	16.510	16.764	17.018	17.272	17.526
70	17.78	18.034	18.288	18.542	18.796	19.050	19.304	19.558	19.812	20.066
80	20.32	20.574	20.828	21.082	21.336	21.590	21.844	22.098	22.352	22.606
90	22.86	23.114	23.368	23.622	23.876	24.130	24.384	24.638	24.892	25.146

LENGTH: MILLIMETERS TO DECIMALS OF AN INCH

Millimeters	0	1	2	3	4	5	6	7	8	9
	0	0.03937	0.07874	0.11811	0.15748	0.19685	0.23622	0.27559	0.31496	0.35433
10	0.39370	.43307	.47244	.51181	.55118	.59055	.62992	.66929	.70866	.74803
20	.78740	.82677	.86614	.90551	.94488	.98425	1.02362	1.06299	1.10236	1.14173
30	1.18110	1.22047	1.25984	1.29921	1.33858	1.37795	1.41732	1.45669	1.49606	1.53543
40	1.57480	1.61417	1.65354	1.69291	1.73288	1.77165	1.81102	1.85039	1.88976	1.92913
50	1.96850	2.00787	2.04724	2.08661	2.12598	2.16535	2.20472	2.24409	2.28346	2.32283
60	2.36220	2.40157	2.44094	2.48031	2.51968	2.55905	2.59842	2.63779	2.67716	2.71653
70	2.75590	2.79527	2.83464	2.87401	2.91338	2.95275	2.99212	3.03149	3.07086	3.11023
80	3.14960	3.18897	3.22834	3.26771	3.30708	3.34645	3.38582	3.42519	3.46456	3.50393
90	3.54330	3.58267	3.62204	3.66141	3.70078	3.74015	3.77952	3.81889	3.85826	3.89763

HOW TO SELECT WOVEN WIRE SCREENS

In plants where screens are a part of the manufacturing process, profits depend in large measure upon the specifications of the screens and screening machinery selected.

Because the "Open Area" of a screen is the most significant factor in obtaining maximum output from screening equipment, the open area of each specification of wire cloth is shown throughout this book.

DEFINITION OF MESH

In wire cloth, where mesh is specified as a number, it refers to the number of openings per linear inch. The mesh is counted by starting from the center of one wire and counting the number of openings to a point one inch distant. If the count does not come to an even number, the fractional part of opening should be specified.

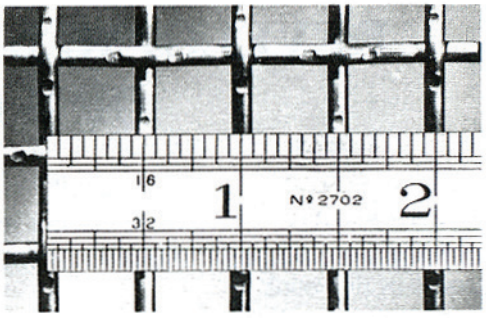
Where the mesh is specified as a fractional part of an inch, it is understood to be the clear opening or space between the wires.

By balancing the open area factor against the wire diameter that will give adequate life, it is possible to select the specification of screen best suited for a screening operation.

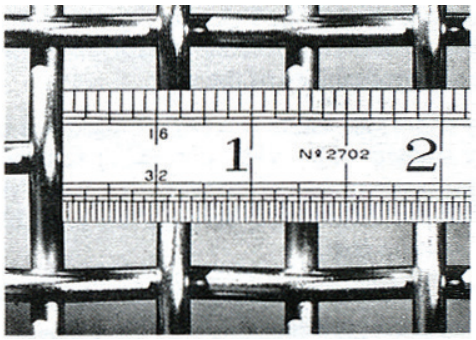
A second factor of great importance is the composition of metal or alloy used in the wire, since this determines its ability to resist corrosion, abrasion, heat or vibration. In addition to the metals and alloys listed here, many special alloys are available to meet special conditions.

SPACE SCREEN

The actual opening between the wires is technically known as "space:" thus 1/4-inch space .135" wire implies that the wires am 1/4-inch apart and the diameter of wire .135".



2 Mesh Wire Cloth
(Count from center to center of wires)

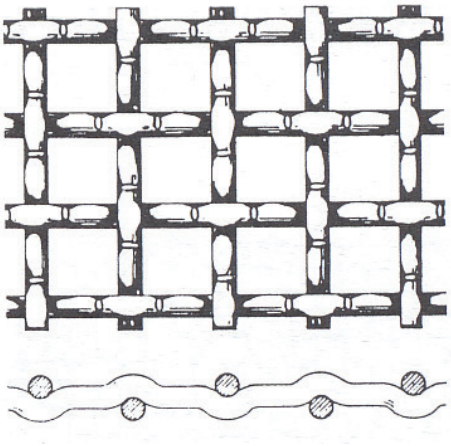


1/2-Inch opening Wire Cloth
(Clear Space between wires)

PRECRIMPED, INTERCRIMPED AND PLAIN WEAVE WIRE CLOTH

PRECRIMPED WIRE CLOTH

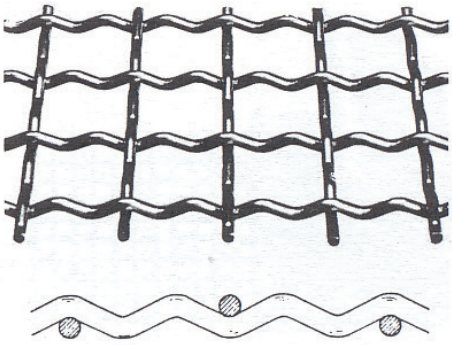
Precrimped wire cloth has very accurate openings and is woven much tighter than plain weave. It is generally preferred for vibrating screen sections and other applications where sizing is important, also in cut pieces where tightness or appearance are factors.



(End View)
Press-lock Grimp (Precrimped)

INTERCRIMPED WIRE CLOTH

Intercrimped wire cloth is used where open area is important. This style of weave has twice as many crimps in the wire along both the warp and shute than does a standard double crimp weave.

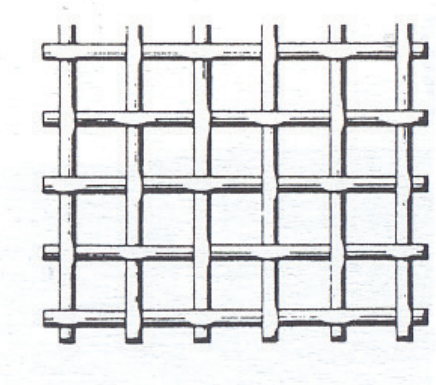


(End View)
Intercrimped (Precrimped)

PLAIN WEAVE WIRE CLOTH

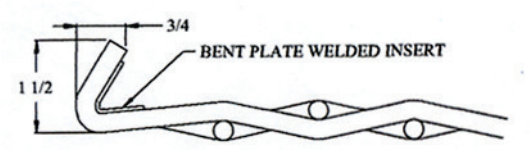
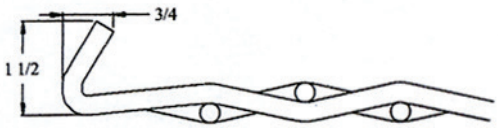
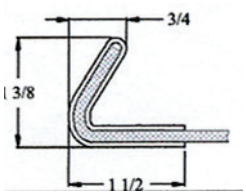
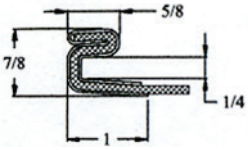
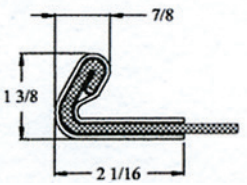
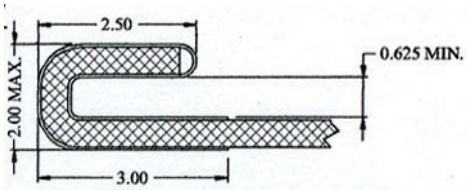
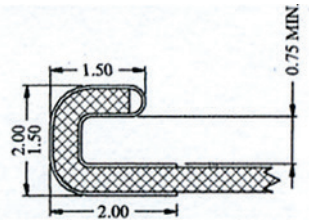
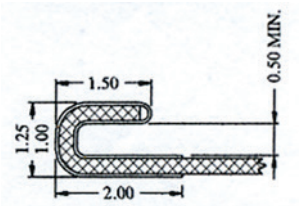
(Wires crimped in weaving operation)

Most specifications 10 mesh and finer are woven as plain weave. Coarser specifications up to 3/4" openings and with wire as heavy as .148" can also be made for applications where the precrimped type of weave is not required.



(End View)
Square Mesh (Plain)

SCREEN SECTIONS FOR VIBRATING SCREENS

	HOOK TYPE	WIRE DIAMETER
PLATE I.W.		0.3125" AND LARGER
'TU'		0.3125" AND LARGER
'A' OR 'AH'		'A' HOOK 0.047" TO 0.250" 'AH' HOOK 0.312" TO 0.375"
JUNIOR 'E'		0.041" AND SMALLER
'C'		0.041" AND SMALLER
'BPS'		0.105" TO 0.375"
'SPS'		0.105" TO 0.375"
'P'		0.054" TO 0.120"

TYPES OF WIRE CLOTH

COPPER ALLOYS

COPPER has some favorable corrosion resistant properties, but its relatively low tensile strength and high ductility limit its application and a Copper alloy is therefore usually preferred for wire cloth. Commercial or Pure Copper is sometimes used for its electrical properties.

BRASS, Tyler Special Composition Brass (Cu 85%, Zn 15%) wire cloth is the preferred Brass alloy for applications where non-rusting material is needed but **COMMON BRONZE** is a higher copper alloy (Cu 90%, Zn 10%) used in cases where a little better corrosion resistance is required than that of Brass.

PHOSPHOR BRONZES are high copper alloys containing from 4% to 9% tin, about 1/4% Phosphorous with the balance Copper. These alloys have proved very valuable in a wide range of screening, conveying and filtering problems. In addition to its corrosion resisting qualities, the physical properties of Phosphor Bronze make it an ideal metal for weaving. Phosphor Bronze is much stronger and tougher than Brass and its ability to withstand cold working makes it the outstanding metal for Fourdrinier Wires.

NICKEL ALLOYS

NICKEL 200 is used for certain food products and to resist some chemicals such as caustics, some organic acids, and many other corrosive products.

MONEL (¹) alloy 400, a high nickel copper alloy, is one of the most widely used alloys for corrosion resistance. It has the strength of mild steel and will not corrode in a great many solutions met with industrial applications. Both Monel and Nickel are used for Food Products where sanitary service is important.

STAINLESS STEELS

Stainless Steels demonstrate longer life under severe corrosive and temperature conditions. The principal Stainless Steel used for woven wire cloth are:

TYPE 304 is the basic stainless alloy (18% Chrome. 8% Nickel) and is most extensively used to weave wire cloth. It has excellent corrosion resistance satisfactory for most applications. Where no specific type is specified, it is assumed that Type 300 is acceptable.

TYPE 304 L is the same as above except with extra low carbon content to permit welding.

TYPE 316 is the basic 18-8 analysis stabilized by the addition of Molybdenum for increased resistance to chemical corrosion. Type 316 Stainless Steel is used in bleach solutions where the hydrochloric acid content does not exceed 2%.

TYPE 316 L is the same as above except with extra low carbon content to permit welding.

TYPE 347 is the basic 18-8 alloy, modified by the addition of Columbium for stabilization of steel within the critical range of 800 to 1500°F. It is used where the cloth is to be welded.

TYPE 430 is a straight Chromium alloy without Nickel possessing a high degree of resistance to chemical and atmospheric corrosion and oxidation up to 1600°F.

Other Types of Stainless Steels for Special Conditions are as follows:

TYPE 309 is a Chrome-Nickel alloy (Cr 25%, Ni 12%) developed for increased heat resistance over the basic Type 304 analysis but not equal to the high Nickel alloys.

TYPE 310 is a high-temperature Chrome-Nickel alloy (Cr 25%, Ni 20%) similar to Type 309 but more stable due to its higher Nickel content.

TYPE 317 is the basic alloy furnished with higher Chromium and Molybdenum content than Type 316 for increased corrosion resistance (Cr 18%, Ni 14%. Mo 3-4%).

TYPE 317 L Is the same as above except with extra low carbon content to permit welding.

TYPE 318 is an improved modification of the basic 18-8 alloy with the addition of Molybdenum and Columbium for stabilization of the steel within the critical range of 800 to 1500°F. and to improve its qualities of resistance to corrosion and oxidation. This type combines the qualities of both Types 316 and 347.

TYPE 321 is the same as Type 347, except for the addition of Titanium instead of Columbium.

TYPE 330 is a Nickel-Chromium alloy used mostly for heat treating baskets and fixtures for temperatures up to 1650°F. (Cr 15%, Ni 35%). See Incoloy in the Heat Resisting Alloys Croup.

TYPE 410 is a straight Chromium alloy without Nickel possessing excellent resistance to corrosion and oxidation but not as generally used for wire cloth as Type 430.

TYPE 446—A high Chromium steel without Nickel possessing excellent resistance to chemical corrosion and oxidation up to 2000°F.

TYPES 501 and 502 are low Chromium alloys without Nickel possessing characteristics between carbon steel and regular Stainless Steels.

HEAT RESISTING ALLOYS

TY-CHROME 1 is a high Nickel Chromium alloy (Ni 60%, Cr 16%, Fe 24%) used for certain chemical conditions and for temperatures up to approximately 1700°F. Approximate equivalents are Nichrome (2), Tophet C (7) and Chromel (8).

TY-CHROME 5 is a higher Nickel Chromium alloy than Ty-Chrome 1 (Ni 80%, Cr 20%) used for more severe chemical conditions and for temperatures up to 2000°F. Approximate equivalents are Nichrome V (2), Tophet A (7) and Chromel A (8).

INCONEL (1) alloy 600 is a high Nickel Chromium alloy (Ni 76.0%, Cr 15.8%, Fe 7.2%) used for corrosion resistance and temperatures up to approximately 1800°F.

INCOLOY (1) alloy 800 is a Nickel Chromium alloy (Ni 32%, Cr 20.5%, Fe 46%) used mostly for heat treating baskets and fixtures for temperatures up to 1650°F. Approximate equivalents are Type 330 Stainless Steel, Chromax (2) and Alloy 502 (8).

N-155 (3) is a Cobalt Nickel Chromium Iron austenitic alloy having high oxidation and scaling resistance along with good high-temperature properties up to 2000°F.

ELGILOY (3) is a Cobalt base alloy containing high percentage of Chromium, Nickel and Iron. It has high fatigue resistance, high tensile strength and good corrosion resistance.

RENE 41 (6) is a Nickel base alloy with exceptionally high strength at temperatures in the range of 1200 to 1800°F.

HASTELLOY (3) A, B, C alloys can be supplied for especially severe conditions where heat or special corrosion resistance is required.

ALUMINUM ALLOYS

1100 ALUMINUM, PURE in woven form is used mostly where its light weight and corrosion resistance is more important than strength.

5056 ALUMINUM — an Aluminum alloy containing magnesium, manganese and chromium. It is designed for greater strength and is the best Aluminum alloy for weaving wire cloth.

ALCLAD 5056 (4) wire has a core of 5056 Aluminum encased or clad with pure Aluminum. This combination provides both strength and corrosion resistance.

RARE METALS

Rare metals can be supplied when required including Tantalum, Molybdenum, Silver, Platinum and many others.

(1) Trade Mark Reg. International Nickel Company. (2) Trade Mark Reg. Driver Harris Co. (3) Trade Mark Reg. Haynes Stellite Div., Union Carbide Corp. (4) Trade Mark Reg. The Aluminum Company of America. (5) Trade Mark Reg. Elgin National Watch Co. (6) Trade Mark Reg. General Electric Co. (7) Trade Mark Reg. Wilbur B. Driver Co. (8) Trade Mark Reg. Hoskins Manufacturing Co. "TY-LOY" is a registered trade mark of W.S. Tyler, Incorporated.

STANDARD SPECIFICATIONS OF INDUSTRIAL WIRE CLOTH FOR SIZING OF MATERIALS

US No. or Opening(Opg.)	D Medium Light			C Medium			B Medium Heavy			A Heavy		
	Opg. Or Mesh	Wire Diameter	Opg.	Opg. Or Mesh	Wire Diameter	Opg.	Opg. Or Mesh	Wire Diameter	Opg.	Opg. Or Mesh	Wire Diameter	Opg.
4.24"	4-1/4	.500		4-1/4"	0.625		4-1/4"	.750		4-1/4"	1.00	
4"	4"	.500		4"	0.625		4"	.750		4"	1.00	
3-1/2"	3-1/2	.4375		3 1/2"	.625		3 1/2"	.750		3 1/2"	.875	
3"	3"	.4375		3"	.500		3"	.625		3"	.750	
	2-3/4"	.375		2-3/4"	.4375		2-3/4"	.625		2-3/4"	.750	
2-1/2"	2-1/2"	.375		2-1/2"	.4375		2-1/2"	.625		2-1/2"	.750	
	2-1/4"	.375		2-1/4"	.4375		2-1/4"	.625		2-1/4"	.750	
2.12"	2-1/8"	.3125		2-1/8"	.375		2-1/8"	.500		2-1/8"	.625	
2"	2"	.3125		2"	.375		2"	.500		2"	.625	
1-3/4"	1-3/4"	.283		1-3/4"	.375		1-3/4"	.4375		1-3/4"	.625	
1-1/2"	1-1/2"	.250		1-1/2"	.3125		1-1/2"	.375		1-1/2"	.500	
	1-3/8"	.250		1-3/8"	.3125		1-3/8"	.375		1-3/8"	.4375	
1-1/4"	1-1/4"	.225		1-1/4""	.3125		1-1/4""	.375		1-1/4""	.4375	
	1-1/8"	.225		1-1/8"	.250		1-1/8"	.3125		1-1/8"	.375	
1.06"	1.06"	.207		1.06"	.250		1.06"	.3125		1.06"	.375	
1"	1"	.207		1"	.250		1"	.3125		1"	.375	
7/8"	7/8"	.192		7/8"	.225		7/8"	.283		7/8"	.375	
3/4"	4/16"	.162		3/4"	.207		3/4"	.250		3/4"	.3125	
5/8"	3/8"	.135		5/8"	.192		5/8"	.225		5/8"	.283	
	9/16"	.135		9/16"	.177		9/16"	.192		9/16"	.250	
.530	.530"	.120		.530"	.162		.530"	.192		.530"	.250	
1/2"	1/2"	.120		1/2"	.162		1/2"	.192		1/2"	.250	
7/16"	7/16"	.105		7/16"	.135		7/16"	.177		7/16"	.225	
3/8"	3/8"	.092		3/8"	.120		3/8"	.162		3/8"	.192	
5/16"	5/16"	.080		5/16"	.105		5/16"	.135		5/16"	.177	
.265"	.265	.072		.265"	.092		.265"	.120		.265"	.148	
1/4"	1/4"	.072		1/4"	.092		1/4"	.120		1/4"	.148	
3-1/2"	3 1/2"mesh	.063	.223"	3-1/4"mesh	.080	.228"	3 mesh	.105	.228	2-3/4 mesh	.135	.229"
4	3/16"	.054		3/16"	.072		3/16"	.092		3/16"	.120	
	3/16"	.054		3/16"	.072		3/16"	.092		3/16"	.120	
5	5/32"	.047		3/32"	.063		5/32"	.080		5/32"	.105	
	5/32"	.047		3/32"	.063		5/32"	.080		5/32"	.105	
6	6 mesh	.041	.126"	5 mesh	.063	.137"	5 mesh	.072	.128"	4-1/2 mesh	.092	.130"
	1/8"	.041		1/8"	.063		1/8"	.072		1/8"	.092	
7	7 mesh	.035	.108"	6 mesh	.054	.113"	5-1/2 mesh	.063	.119"	5 mesh	.080	.120"
	3/32"	.032		3/32"	.047		3/32"	.054		3/32"	.072	
8	8 mesh	.032	.093"	3/32"	.047		7 mesh	.054	.089"	6 mesh	.072	.095"
10	9 1/2 mesh	.028	077"	8 mesh	.041	.084"	8 mesh	.047	.078"	7 mesh	.063	.080"
12	11 mesh	.023	0.68"	10 mesh	.035	.0650"	9 mesh	.041	.070"	8-1/2 mesh	.054	.064"
	1/16"	.023		1/16"	.035		1/16"	.041		1/16"	.054	
14	14 mesh	.020	.051	12 mesh	.028	.055"	11 mesh	.035	.056"	10 mesh	.047	.053"
16	16 mesh	.018	.0445"	14 mesh	.025	.046"	13 mesh	.032	.045"	11 mesh	.041	.050"
18	18 mesh	.015	.0406"	16 mesh	.023	.0395"	15 mesh	.028	.039"	14 mesh	.035	.036"
20	22 mesh	.0135	.032"	19 mesh	0.02	.0331"	18 mesh	.023	.0326"	16 mesh	.028	.0345"
25	26 mesh	.011	.0275"	22 mesh	.017	.0285"	20 mesh	.020	.030"	18 mesh	.028	.0276"
30	30 mesh	.0095	.0238"	26 mesh	.015	.0235"	24 mesh	.017	.0247"	20 mesh	.025	.025"
35	34 mesh	.009	.0204"	30 mesh	.013	.0203"	30 mesh	.015	.0183"	26 mesh	.020	.0185"
40	40 mesh	.008	.017"	35 mesh	.012	.0166"	32 mesh	.0135	.0178"	30 mesh	.017	.0163"
45	50 mesh	.0065	.0135"	40 mesh	.010	.015"	40 mesh	.011	.0140"	35 mesh	.015	.0136"
50	60 mesh	.0050	.0116"	50 mesh	.009	.0110"	45 mesh	.010	.0122"	40 mesh	.0135	.0115"
60	74 mesh	.0037	.0098"	60 mesh	.007	.0097"						.
70	84 mesh	.0035	.0084"	70 mesh	.0060	.0083"						
80	94 mesh	.0035	.0071"	80 mesh	.0055	.007"						
100	120 mesh	.0026	.0057"	100 mesh	.0045	.0055"						
120	145 mesh	.0022	.0047"	120 mesh	.0037	.0046"						
140	165 mesh	.0019	.0042"	140 mesh	.0029	.0042"						
170	200 mesh	.0016	.0034"	170 mesh	.0024	.0035"						
200	230 mesh	.0014	.0029"	200 mesh	.0021	.0029"						
230				250 mesh	.0016	.0024"						
270				270 mesh	.0016	.0021"						
325				325 mesh	.0014	.0017"						
400				400 mesh	.001	.0015"						

*Supplemental Openings

Heavy grade recommended for trommels.

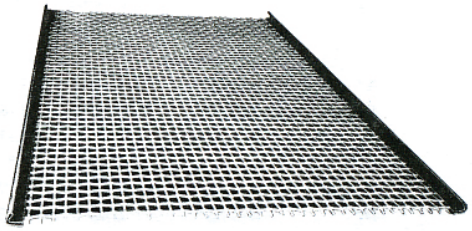
Medium Heavy or medium for high speed vibrating and shaking screens.

Medium light or medium for other vibrating screens.

HOW TO ORDER SCREEN SECTIONS

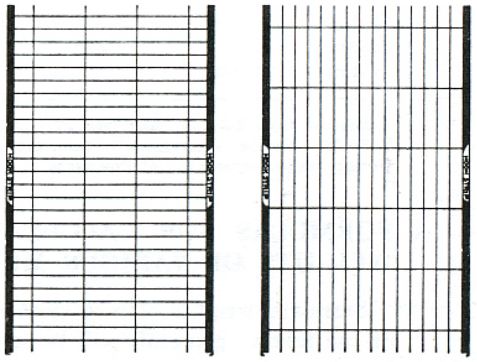
1. Specify opening or mesh, wire diameter and metal required.

2. If screens have slotted openings, such as Ton-Cap or Ty-Rod, the direction of the slot should be specified in relation to the hook strips (see illustration). Slots "RA" indicate slots right angle to hook strips. Slots "SP" indicate slots parallel to hook strips.



Screen Section with Hook Strips for Vibrating Screen.

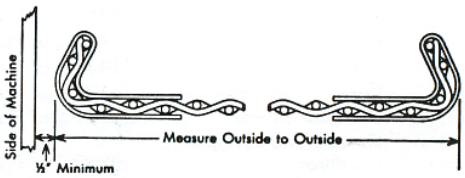
3. If the screen sections are for a Hum-mer, Tyler Ty-Speed®, Ty-Rock, Ty-Rocket or other Tyler built machine, give a nominal size of sections and the serial number of machine or previous order number.



Slots "RA" Slots "SP"

4. If for a vibrating screen of other make than W.S. Tyler, give the following:

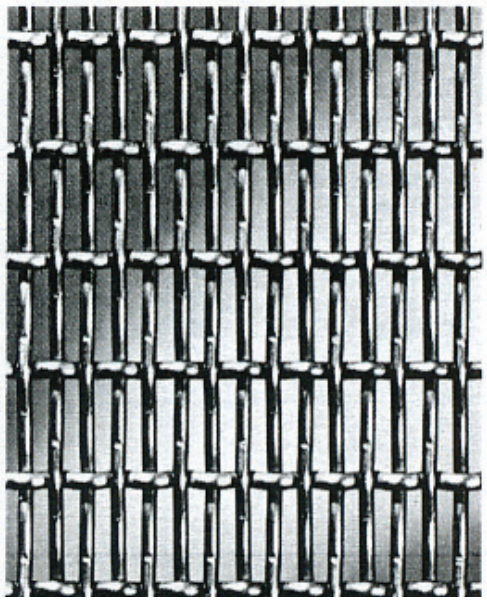
- Size and make of machine.
- Exact finished width and length of section (measure from outside to outside of hooks). Be sure to allow a minimum of 1/2" clearance between each hook and side plate of machine for tensioning.
- Where two or more sections are used to make up the length, advise if lap desired.
- If hooks are to be made from other metal than steel, specify the metal desired.
- Advise any special conditions such as, "end stretch," welded intersections, punching for bolt holes, brazing around punched holes, etc.



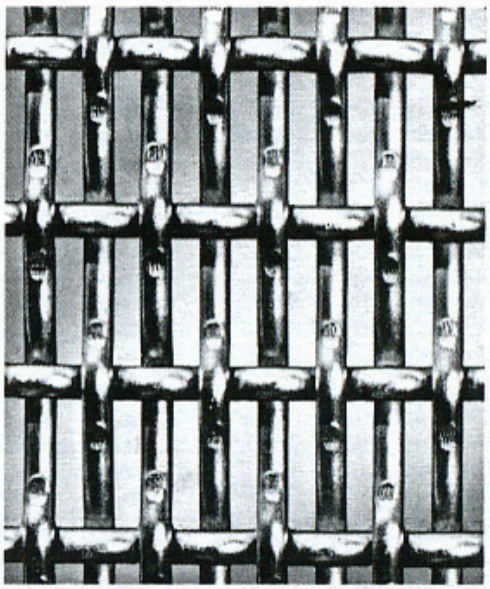
HIGH CAPACITY SCREENS
TON-CAP AND TY-ROD

Where high tonnages are desired, it is all important that the proportion of open space be as large as practical in relation to the blank surface taken up by the wires themselves. Ton-Cap and Ty-Rod oblong opening screens offer from 10 to 50 per cent more open or discharge area than the screens which they replace. Yet even with their additional capacity, these special oblong openings permit the use of heavier, more durable wire than square mesh screens producing equivalent sizes. We will be glad to recommend specifications of these screens to provide sizing equivalent to your present output.

TON-CAP
THE
TONNAGE
CAPACITY
SCREEN



No. 49 Ton-Cap



No. 226 Ton-Cap

CUT PIECES WITHOUT FABRICATION

In ordering Ton-Cap or Ty-Rod fabricated screen sections for vibrating screens, the direction of the slot should be specified in relation to the hook strips or reinforced edges as illustrated below:

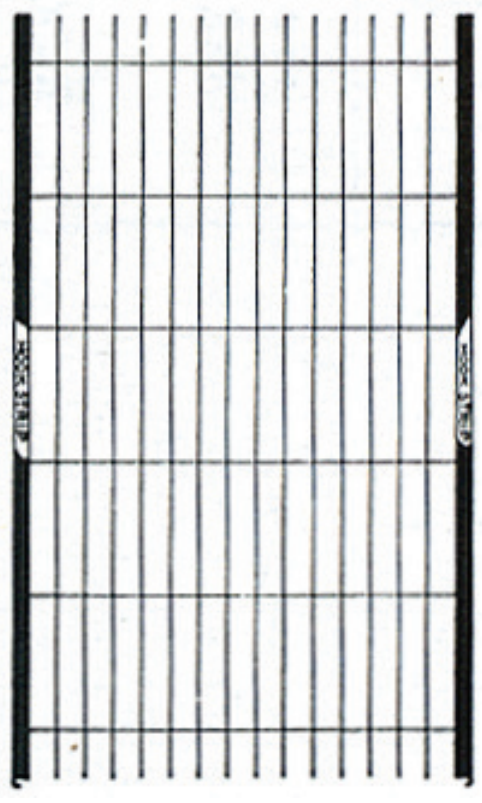
- Slots "RA" to indicate slots right angle to hook strips.
- Slots "SP" to indicate slots parallel to hook strips.

Except under unusual conditions, "Slots RA" (right angle to hook strips) should be specified so that the tensioning of the cloth will be on the greatest number of wires.

FABRICATED SCREEN SECTIONS

SPECIFYING SLOT DIRECTION

Slots "RA"



Slots "SP"

TABLE OF STANDARD TON-CAP SCREEN NUMBERS

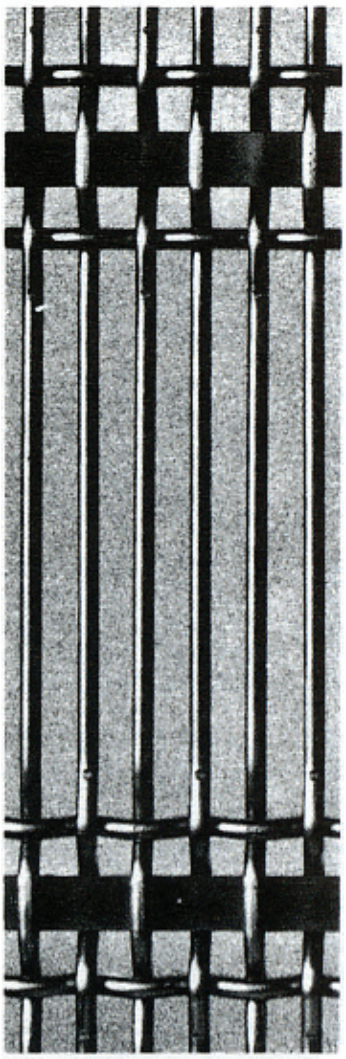
Extra Heavy			Heavy			Medium			Medium Light			Light		
Width of Opening (in.)	Ton-Cap No.	Open Area Percent	Width of Opening (in.)	Ton-Cap No.	Open Area Percent	Width of Opening (in.)	Ton-Cap No.	Open Area Percent	Width of Opening (in.)	Ton-Cap No.	Open Area Percent	Width of Opening (in.)	Ton-Cap No.	Open Area Percent
0.919	1013	53.1	.913	5115	60.2	.899	1377	69.4	0.895	1226	72.9	0.896	1927	74.2
0.788	1986	52.6	.781	5120	61.3	.781	2145	62.8	0.771	1098	69.3	0.768	493	72.9
0.663	2089	55	.651	5125	59.5	.647	1051	62.4	0.646	450	64.5	0.641	1023	70.5
0.531	1955	55.9	.524	5133	56.8	.521	1009	59.7	0.519	1255	61.7	0.515	1726	68.4
0.464	1707	54.6	.460	5135	56.8	.457	456	57.9	0.455	475	60.2	0.452	1247	64.9
0.399	875	51.9	.396	5140	55.0	.394	879	57.1	0.393	963	57.9	0.389	1061	62.6
0.335	2078	50.9	.342	5145	54.5	.330	1308	54.9	0.329	1210	57.2	0.326	1117	62.6
0.259	892	42.9	.256	5153	50.0	.268	5	53.5	0.265	1017	55.9	0.262	1195	62.1
0.229	890	42.8	.232	5156	48.3	.243	952	54.2	0.227	394	54.3	0.226	1024	61.4
0.206	992	43	.202	5160	48.8	.202	704	53.7	0.193	407	54.9	0.196	1004	60.5
0.176	1182	44.9	.188	1072	49.0	.174	1340	52.8	0.179	872	58.9	0.179	2504	65.2
0.166	605	46.3	.175	5165	47.4	.157	412	50.7	0.151	767	55.7	0.158	771	59.7
0.146	1064	43.5	.144	5170	43.2	.141	770	50.4	0.136	1196	56.9	0.144	621	57.6
0.130	2964	41	.129	514	44.6	.111	732	49.5	0.129	622	52.6	0.134	1003	61.9
0.116	226	38.6	.123	5175	43.4	.103	661	48.7	0.111	665	54	0.126	736	57.3
0.1040	2290	40	.119	5178	46.9	.090	755	44.7	0.098	599	52.6	0.106	757	56.4
0.0890	368	36.8	.101	5180	42.4	.079	38	42	0.085	930	51.8	0.095	557	65.3
0.0720	40	37.4	.083	5185	41	.069	44	43	0.077	556	49.9	0.089	239	57.9
0.0630	921	35.5	.069	5190	40.2	.063	49	45.5	0.07	740	49.9	0.082	694	57.8
0.0610	241	36.5	.059	5195	39.4	.057	835	41.6	0.064	302	51.5	0.07	805	56.5
0.0540	554	32.3	.052	5200	40.6	.050	309	43.6	0.059	566	46.4	0.06	823	54.7
0.0440	57	33.2	.041	5205	38.7	.044	908	43.4	0.055	305	48.3	0.049	588	51.1
0.0390	813	30.6	.035	5210	38.8	.041	365	42.1	0.047	833	49.5	0.045	359	52.6
0.0350	321	31.1	.030	5215	35.2	.036	355	41.5	0.041	277	45.4	0.039	817	46.1
0.0310	371	31.5	.0277	5218	36.7	.032	89	38.8	0.036	819	43.8	0.034	617	45.7
0.0278	853	32	.0247	5220	34.5	.0285	614	37.2	0.032	95	42.4	0.031	695	44.9
0.0251	919	28.1	.0215	5225	34	.0240	423	38.8	0.031	520	43.6	0.0285	636	44.2
0.0232	615	27.3	.0197	318	29.5	.0220	865	38.4	0.0257	422	43	0.0245	538	46.2
0.0193	527	25.5	.0187	5230	33.6	.0202	533	36.5	0.0213	433	41.7	0.023	434	47.6
0.0172	332	29.4	.0167	430	30.5	.0183	138	34.1	0.0185	143	37.2	0.0202	494	45.2
0.0151	531	25.6	.0155	5234	30.6	.0151	155	33	0.168	166	38.6	0.0186	152	42.7
0.0136	165	29.4	.0148	5235	31.8				0.0158	162	37.3	0.0173	164	43.8
0.0121	159	25.7	.0128	5240	30.3				0.0146	170	34	0.0163	775	42.8
0.0093	184	23.5	.0108	5245	25.2				0.0139	176	34.4	0.0146	3075	40.5

NUMERICAL TABLE OF STANDARD TON-CAP

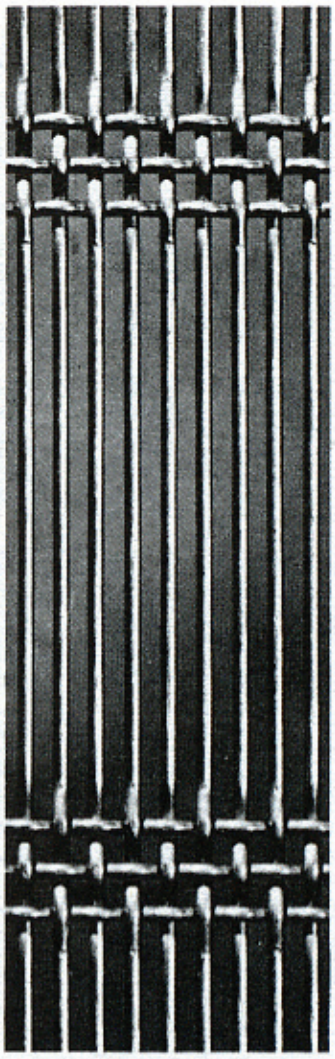
Ton-Cap No.	Opening (in.)	Wire Diameter (in.)	Weight* (Steel) Lbs. per Sq. Ft.	Ton-Cap No.	Opening (in.)	Wire Diameter (in.)	Weight* (Steel) Lbs. per Sq. Ft.	Ton-Cap No.	Opening (in.)	Wire Diameter (in.)	Weight* (Steel) Lbs. per Sq. Ft.
5	0.268	0.148	2.826	557	0.095	0.035	0.517	1117	0.326	0.12	1.814
38	0.079	0.072	1.776	566	0.059	0.047	1.123	1182	0.176	0.148	3.391
40	0.072	0.08	2.168	588	0.049	0.032	0.682	1195	0.262	0.105	1.696
44	0.069	0.063	1.518	599	0.098	0.063	1.224	1196	0.136	0.072	1.244
49	0.063	0.054	1.226	605	0.166	0.135	2.99	1210	0.329	0.148	2.578
57	0.044	0.063	1.782	614	0.0285	0.035	0.968	1226	0.895	0.192	1.988
89	0.032	0.035	0.966	615	0.0232	0.041	1.365	1247	0.452	0.135	1.888
95	0.032	0.028	0.768	617	0.034	0.028	0.661	1255	0.519	0.177	2.712
138	0.0183	0.023	0.681	621	0.144	0.063	1.109	1308	0.33	0.162	3.009
143	0.0185	0.02	0.597	622	0.129	0.08	1.568	1340	0.174	0.105	2.051
152	0.0186	0.017	0.439	636	0.0285	0.025	0.635	1377	0.899	0.225	2.675
155	0.0151	0.02	0.637	661	0.103	0.072	1.542	1707	0.464	0.25	4.908
159	0.0121	0.023	0.768	665	0.111	0.063	1.2	1726	0.515	0.135	1.675
162	0.0158	0.018	0.521	694	0.082	0.041	0.756	1927	0.896	0.162	1.752
164	0.0173	0.016	0.386	695	0.031	0.025	0.614	1955	0.531	0.283	4.59
165	0.0136	0.0215	0.637	704	0.202	0.12	2.276	1986	0.788	0.375	7.163
166	0.0168	0.018	0.511	732	0.111	0.08	1.68	2078	0.335	0.207	4.188
170	0.0146	0.016	0.499	736	0.126	0.063	1.13	2089	0.663	0.3125	6.084
176	0.0139	0.017	0.524	740	0.07	0.047	1.049	2145	0.781	0.225	3.869
182	0.012	0.015	0.471	755	0.09	0.072	1.69	2290	0.104	0.12	2.918
184	0.0093	0.018	0.659	757	0.106	0.054	0.977	2475	0.009	0.018	0.543
186	0.0081	0.018	0.657	767	0.151	0.08	1.458	2504	0.179	0.063	0.872
226	0.116	0.12	3.177	770	0.141	0.092	1.9	2602	0.0667	0.018	0.586
239	0.089	0.041	0.752	771	0.158	0.072	1.158	2688	0.011	0.0135	0.407
241	0.061	0.072	1.949	775	0.0163	0.014	0.35	2964	0.13	0.135	3.294
277	0.041	0.035	0.846	805	0.07	0.035	0.68	3075	0.0146	0.0135	0.364
302	0.064	0.041	0.87	813	0.039	0.063	1.849	3076	0.0133	0.0135	0.393
305	0.055	0.041	0.926	817	0.039	0.032	0.75	5115	0.913	0.3125	5.305
309	0.05	0.047	1.161	819	0.036	0.035	0.847	5120	0.781	0.25	4.221
318	0.0197	0.032	1.014	823	0.06	0.035	0.656	5125	0.651	0.25	3.982
321	0.035	0.054	1.588	833	0.047	0.035	0.766	5133	0.524	0.225	3.959
332	0.0172	0.028	0.887	835	0.057	0.054	1.345	5135	0.46	0.207	3.628
355	0.036	0.035	0.926	853	0.0278	0.041	1.317	5130	0.396	0.192	3.354
359	0.045	0.025	0.529	865	0.022	0.025	0.697	5145	0.342	0.177	3.28
365	0.041	0.041	1.038	872	0.179	0.08	1.346	5153	0.256	0.162	3.363
368	0.089	0.105	2.844	875	0.399	0.225	4.474	5156	0.232	0.148	3.169
371	0.031	0.047	1.452	879	0.394	0.177	3.073	5160	0.202	0.135	2.878
394	0.227	0.12	2.275	890	0.229	0.192	4.688	5165	0.175	0.12	2.598
407	0.193	0.105	1.959	892	0.259	0.207	5.085	5170	0.144	0.12	2.937
412	0.157	0.105	2.148	908	0.044	0.041	1.01	5175	0.123	0.105	2.5
422	0.0257	0.023	0.605	919	0.0251	0.047	1.414	5178	0.119	0.092	2.057
423	0.024	0.025	0.72	921	0.063	0.08	2.199	5180	0.101	0.092	2.272
430	0.0167	0.025	0.796	930	0.085	0.054	1.078	5185	0.083	0.08	2.028
433	0.0213	0.02	0.542	952	0.243	0.135	2.52	5190	0.069	0.072	1.794
434	0.023	0.018	0.412	963	0.393	0.162	2.784	5195	0.06	0.063	1.624
450	0.646	0.192	2.707	992	0.206	0.177	4.259	5200	0.052	0.054	1.359
456	0.457	0.177	3.038	1003	0.134	0.054	0.84	5205	0.041	0.047	1.193
475	0.455	0.162	2.604	1004	0.196	0.08	1.288	5210	0.035	0.041	1.038
493	0.768	0.162	1.688	1009	0.521	0.192	3.116	5215	0.03	0.041	1.113
494	0.0202	0.018	0.434	1013	0.919	0.375	7.702	5218	0.0277	0.032	0.912
514	0.129	0.105	2.477	1017	0.265	0.135	2.419	5220	0.0247	0.035	0.958
520	0.031	0.028	0.687	1023	0.641	0.148	1.703	5225	0.0215	0.032	0.856
527	0.0193	0.041	1.281	1024	0.226	0.092	1.433	5230	0.0187	0.028	0.764
531	0.0152	0.028	0.98	1051	0.647	0.207	3.117	5234	0.0155	0.023	0.715
533	0.0202	0.025	0.718	1061	0.389	0.135	2.018	5235	0.0148	0.025	0.688
538	0.0245	0.02	0.488	1064	0.146	0.135	3.142	5240	0.0128	0.023	0.639
554	0.054	0.08	2.306	1072	0.188	0.135	2.831	5245	0.0108	0.023	0.719
556	0.077	0.054	1.129	1098	0.771	0.192	2.291				

THE NON-BLINDING SCREEN
TY-ROD

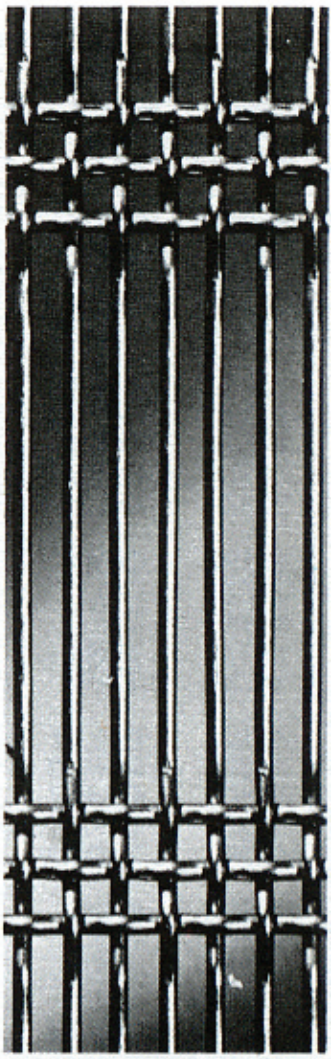
No. 9895 Ty-Rod



Type R Ty-Rod



No. 9441 Ty-Rod



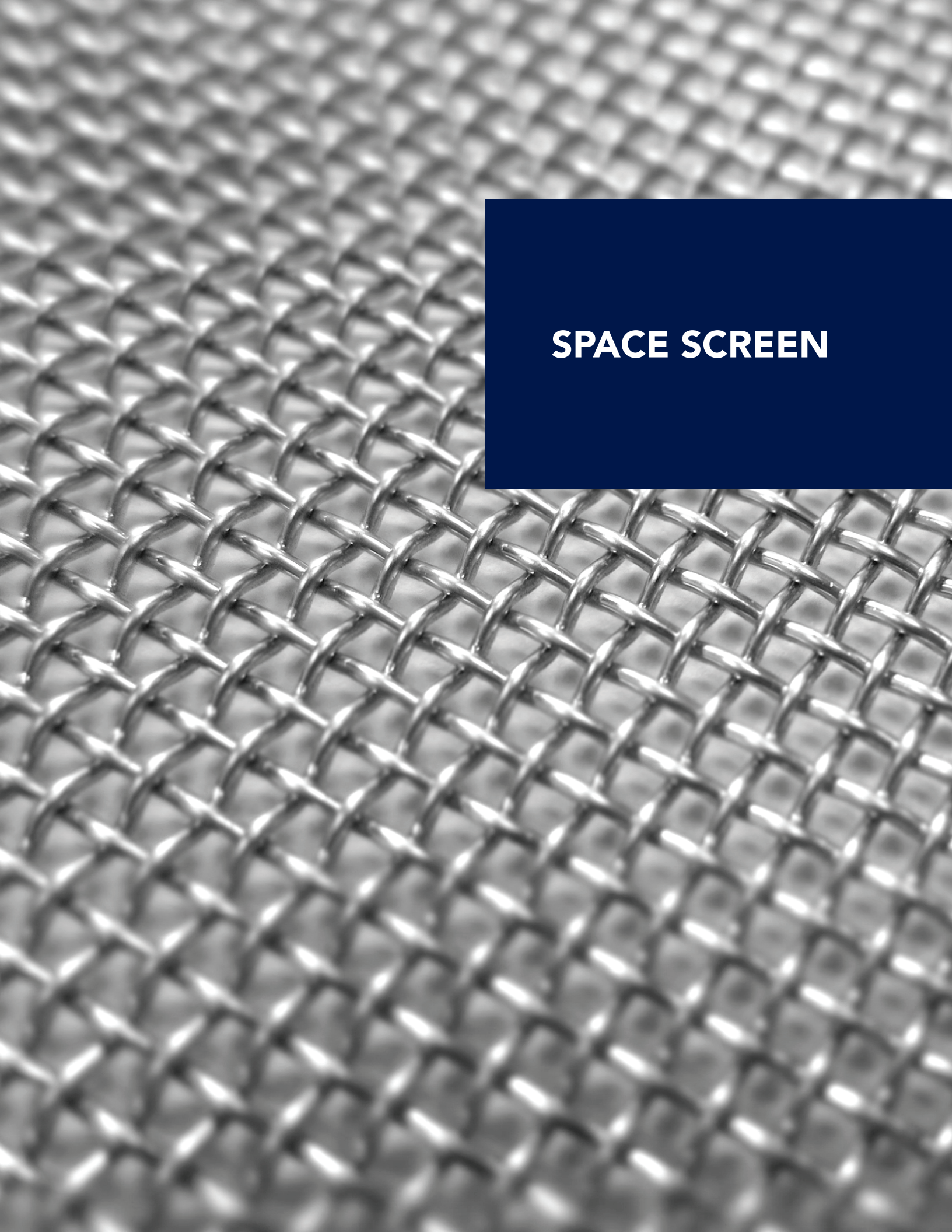
No. 9442 Ty-Rod

TABLE OF STANDARD TY-ROD SCREEN NUMBERS

Heavy				Medium Heavy				Standard				Medium Light			
Width of Opening (in.)	Ty-Rod No.	Wire	Nomial Slot Length	Width of Opening (in.)	Ty-Rod No.	Wire	Nomial Slot Length	Width of Opening (in.)	Ty-Rod No.	Wire	Nomial Slot Length	Width of Opening (in.)	Ty-Rod No.	Wire	Nomial Slot Length
....	....	....	..	2	9977	0.625	8"	2	9941	0.5	8"	2	9962	0.375	6"
1.75	9975	0.625	8"	1.75	9939	0.5	8"	1.75	9960	0.375	6"	1.75	9922	0.3125	6"
1.5	9937	0.5	8"	1.5	9958	0.375	6"	1.5	9920	0.3125	6"	1.5	9506	0.25	5"
1.25	9935	0.5	8"	1.25	9956	0.375	6"	1.25	9918	0.3125	6"	1.25	9508	0.25	5"
1	9954	0.375	6"	1	9916	0.3125	6"	1	9301	0.25	5"	1	9302	0.225	5"
0.875	9909	0.3125	6"	0.875	9304	0.25	5"	0.875	9305	0.225	5"	0.875	9306	0.207	5"
0.75	9308	0.25	5"	0.75	9309	0.225	5"	0.75	9310	0.207	5"	0.75	9311	0.192	5"
0.625	9313	0.25	5"	0.625	9314	0.225	5"	0.625	9316	0.192	5"	0.625	9317	0.177	5"
0.5625	9319	0.225	5"	0.5625	9320	0.207	5"	0.5625	9322	0.177	5"	0.5625	9532	0.162	4"
0.5	9326	207	5"	0.5	9327	0.192	5"	0.5	9328	0.177	5"	0.5	9537	0.162	4"
0.4375	9336	0.192	5"	0.4375	9545	0.177	4"	0.4375	9546	0.162	4"	0.4375	9340	0.148	4"
0.375	9452	0.177	4"	0.375	9460	0.162	4"	0.375	9350	0.148	4"	0.375	9351	0.135	4"
0.3125	9428	0.162	4"	0.3125	9362	0.148	4"	0.3125	9363	0.135	4"	0.3125	9364	0.12	3"
0.25	9379	0.148	4"	0.25	9380	0.135	4"	0.25	9381	0.12	3"	0.25	9382	0.105	3"
0.216	9601	0.148	4"	0.213	9602	0.12	4"	0.228	9388	0.105	3"	0.216	9461	0.092	3"
0.1875	9613	0.135	4"	0.1875	9396	0.12	3"	0.1875	9398	0.092	3"	0.187	9496	0.08	3"
0.173	9618	0.135	4"	....	....	....	....	0.17	9401	0.08	3"	....	....	....	....
0.166	9402	0.12	3"	0.162	9621	0.105	3"	....	....	....	....	....	....	....	....
....	....	....	....	0.156	9299	0.105	3"	0.156	9404	0.08	3"	0.156	9624	0.072	3"
0.147	9628	0.12	3"	0.145	9407	0.105	3"	0.142	9408	0.08	3"	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	0.137	9426	0.063	2"
0.125	9633	0.105	3"	0.125	9435	0.092	3"	0.125	9437	0.072	2"	0.125	9433	0.054	2"
0.108	9414	0.092	3"	0.102	9639	0.08	2"	0.104	9441	0.063	2"	0.1	9501	0.054	2"
0.09	9487	0.092	3"	0.087	9417	0.08	2"	0.095	9416	0.072	2"	0.091	9682	0.063	2"
....	....	....	....	0.082	9643	0.072	2"	0.08	9440	0.063	2"	0.079	9653	0.054	2"
0.074	9481	0.08	3"	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	0.07	9683	0.063	2"	0.071	9442	0.054	2"	0.071	9876	0.047	1"
0.063	9646	0.08	2"	....	....	....	....	0.064	9475	0.054	2"	0.064	9877	0.047	1"
0.061	9648	0.072	2"	0.062	9425	0.063	2"	0.058	9878	0.047	1"	0.059	9886	0.041	1"
0.055	9684	0.063	2"	0.057	9424	0.054	2"	0.053	9879	0.047	1"	....	....	....	....
0.048	9446	0.063	2"	0.051	9669	0.054	2"	0.05	9887	0.041	1"	0.048	9897	0.035	1"
0.046	9443	0.054	2"	0.044	9880	0.047	1"	....	....	....	....	0.043	9282	0.028	1"
....	....	....	....	0.042	9888	0.041	1"	0.042	9898	0.035	1"	....	....	....	....
0.036	9881	0.047	1"	0.036	9889	0.041	1"	0.036	9899	0.035	1"	0.035	9281	0.028	1"
0.03	9890	0.041	1"	0.032	9900	0.035	1"	....	....	....	....	0.0276	9280	0.028	1"
0.0256	9891	0.041	1"	0.0275	9901	0.035	1"	0.0236	9278	0.032	1"	....	....	....	....
0.0215	9892	0.041	1"	0.0206	9902	0.035	1"	0.022	9284	0.028	1"	....	....	....	....

NUMERICAL TABLE OF STANDARD TY-ROD

Ty-Rod No.	Opening (in.)	Weight* (Steel) Lbs. per Sq. Ft.	Ty-Rod No.	Opening (in.)	Weight* (Steel) Lbs. per Sq. Ft.	Ty-Rod No.	Opening (in.)	Weight* (Steel) Lbs. per Sq. Ft.
9278	.0236	.718	9407	.145	1.835	9648	.061	1.533
9280	.0276	.543	9408	.142	1.167	9653	.079	.883
9281	.035	.484	9414	.108	1.645	9669	.051	1.065
9282	.043	.446	9416	.095	1.286	9682	.091	1.018
9284	.0220	.606	9417	.087	1.467	9683	.070	1.163
9299	.156	1.862	9424	.057	1.009	9684	.055	1.318
9301	1.000	2.615	9425	.062	1.239	9876	.071	.803
9302	1.000	2.213	9426	.137	.845	9877	.064	.844
9304	.875	2.795	9428	.3125	2.376	9878	.058	.887
9305	.875	2.365	9433	.125	.684	9879	.053	.893
9306	.875	2.035	9435	.125	1.586	9880	.044	.978
9308	.750	3.023	9437	.125	1.106	9881	.036	1.067
9309	.750	2.555	9440	.080	1.089	9886	.059	.727
9310	.750	2.201	9441	.104	.986	9887	.050	.761
9311	.750	1.914	9442	.071	.939	9888	.042	.824
9313	.625	3.327	9443	.046	1.123	9889	.036	.890
9314	.625	2.807	9446	.048	1.399	9890	.030	.959
9316	.625	2.109	9452	.375	2.508	9891	.0256	1.030
9317	.625	1.826	9460	.375	2.152	9892	.0215	1.104
9319	.5625	3.007	9461	.216	1.172	9897	.048	.622
9320	.5625	2.605	9475	.064	.954	9898	.042	.642
9322	.5625	1.962	9481	.074	1.590	9899	.036	.688
9326	.500	2.728	9487	.090	1.806	9900	.032	.736
9327	.500	2.380	9496	.187	.998	9901	.0275	.786
9328	.500	2.064	9501	.100	.777	9902	.0206	.889
9336	.4375	2.560	9506	1.500	2.163	9909	.875	4.309
9340	.4375	1.684	9508	1.250	2.349	9916	1.000	4.053
9350	.375	1.836	9532	.5625	2.528	9918	1.250	3.663
9351	.375	1.561	9537	.500	1.839	9920	1.500	3.388
9362	.3125	2.031	9545	.4375	2.308	9922	1.750	3.183
9363	.3125	1.727	9546	.4375	1.977	9935	1.250	7.873
9364	.3125	1.520	9601	.216	2.488	9937	1.500	7.275
9379	.250	2.297	9602	.213	1.763	9939	1.750	6.824
9380	.250	1.960	9613	.1875	2.297	9941	2.000	6.458
9381	.250	1.715	9618	.173	2.402	9954	1.000	5.445
9382	.250	1.364	9621	.162	1.732	9956	1.250	4.923
9388	.228	1.436	9624	.156	.924	9958	1.500	4.548
9396	.1875	2.000	9628	.147	2.180	9960	1.750	3.768
9398	.1875	1.268	9633	.125	1.981	9962	2.000	4.044
9401	.170	1.053	9639	.102	1.347	9975	1.750	9.678
9402	.166	2.132	9643	.082	1.331	9977	2.000	8.010
9404	.156	1.126	9646	.063	1.812			



SPACE SCREEN

SPACE SCREEN

Clear Opening or Space		Diameter of Rod or Wire		Steel Weight* **Lbs.** per Sq. Ft.	Open Area
Inch	Millimeter	Inch	Millimeter		
4	101.6	1	25.40	13.06	64.00%
4	101.6	3/4	19.05	7.68	70.90%
4	101.6	11/16	17.46	6.53	72.80%
4	101.6	5/8	15.88	5.46	74.80%
4	101.6	9/16	14.29	4.47	76.90%
4	101.6	1/2	12.70	3.58	79.00%
4	101.6	7/16	11.11	2.77	81.30%
4	101.6	3/8	9.53	2.07	83.60%
4	101.6	5/16	7.94	1.45	86.00%
4	101.6	.283	7.19	1.20	87.20%
4	101.6	.263	6.68	1.04	88.00%
4	101.6	.250	6.35	.94	88.60%
3-3/4	95.25	1	25.40	13.77	62.30%
3-3/4	95.25	3/4	19.05	8.11	69.40%
3-3/4	95.25	11/16	17.46	6.90	71.40%
3-3/4	95.25	5/8	15.88	5.77	73.50%
3-3/4	95.25	9/16	14.29	4.74	75.70%
3-3/4	95.25	1/2	12.70	3.79	77.90%
3-3/4	95.25	7/16	11.11	2.94	80.20%
3-3/4	95.25	3/8	9.53	2.19	82.60%
3-3/4	95.25	5/16	7.94	1.54	85.20%
3-3/4	95.25	.283	7.19	1.27	86.50%
3-3/4	95.25	.263	6.68	1.11	87.30%
3-3/4	95.25	.250	6.35	1.00	87.90%
3-1/2	88.90	1	25.40	14.57	60.50%
3-1/2	88.90	3/4	19.05	8.60	67.80%
3-1/2	88.90	11/16	17.46	7.32	69.90%
3-1/2	88.90	5/8	15.88	6.13	72.00%
3-1/2	88.90	9/16	14.29	5.03	74.30%
3-1/2	88.90	1/2	12.70	4.03	76.60%
3-1/2	88.90	7/16	11.11	3.13	79.00%
3-1/2	88.90	3/8	9.53	2.33	81.60%
3-1/2	88.90	5/16	7.94	1.65	84.30%
3-1/2	88.90	.283	7.19	1.36	85.60%
3-1/2	88.90	.263	6.68	1.18	86.50%
3-1/2	88.90	.250	6.35	1.07	87.10%
3-1/2	88.90	.225	5.72	.87	88.30%
3-1/2	88.90	.207	5.26	.74	89.10%
3-1/4	82.55	1	25.40	15.47	58.50%
3-1/4	82.55	3/4	19.05	9.16	66.00%
3-1/4	82.55	11/16	17.46	7.80	68.10%
3-1/4	82.55	5/8	15.88	6.54	70.30%
3-1/4	82.55	9/16	14.29	5.37	72.60%
3-1/4	82.55	1/2	12.70	4.31	75.00%
3-1/4	82.55	7/16	11.11	3.35	77.60%
3-1/4	82.55	3/8	9.53	2.50	80.40%
3-1/4	82.55	5/16	7.94	1.76	83.20%
3-1/4	82.55	.283	7.19	1.46	84.60%
3-1/4	82.55	.263	6.68	1.26	85.60%
3-1/4	82.55	.250	6.35	1.15	86.20%
3-1/4	82.55	.225	5.72	.93	87.50%
3-1/4	82.55	.207	5.26	.79	88.40%
3-1/4	82.55	.192	4.88	.69	89.20%
3	76.20	1	25.40	16.50	56.30%
3	76.20	3/4	19.05	9.79	64.00%
3	76.20	11/16	17.46	8.35	66.20%
3	76.20	5/8	15.88	7.00	68.50%
3	76.20	9/16	14.29	5.76	70.90%
3	76.20	1/2	12.70	4.62	73.50%
3	76.20	7/16	11.11	3.59	76.20%
3	76.20	3/8	9.53	2.68	79.00%
3	76.20	5/16	7.94	1.90	82.00%
3	76.20	.283	7.19	1.57	83.50%
3	76.20	.263	6.68	1.36	84.50%
3	76.20	.250	6.35	1.23	85.20%
3	76.20	.225	5.72	1.01	86.50%
3	76.20	.207	5.26	.86	87.50%
3	76.20	.192	4.88	.74	88.30%
3	76.20	.177	4.50	.63	89.20%
3	76.20	.162	4.11	.53	90.00%

SPACE SCREEN

Clear Opening or Space		Diameter of Rod or Wire		Steel Weight* **Lbs.** per Sq. Ft.	Open Area
Inch	Millimeter	Inch	Millimeter		
2-3/4	69.85	1	25.40	17.67	53.70%
2-3/4	69.85	3/4	19.05	10.52	61.70%
2-3/4	69.85	11/16	17.46	8.98	64.00%
2-3/4	69.85	5/8	15.88	7.54	66.40%
2-3/4	69.85	9/16	14.29	6.20	68.90%
2-3/4	69.85	1/2	12.70	4.98	71.60%
2-3/4	69.85	7/16	11.11	3.88	74.40%
2-3/4	69.85	3/8	9.53	2.90	77.40%
2-3/4	69.85	5/16	7.94	2.05	80.60%
2-3/4	69.85	.283	7.19	1.70	82.20%
2-3/4	69.85	.263	6.68	1.48	83.30%
2-3/4	69.85	.250	6.35	1.34	84.00%
2-3/4	69.85	.225	5.72	1.09	85.40%
2-3/4	69.85	.207	5.26	.93	86.50%
2-3/4	69.85	.192	4.88	.80	87.40%
2-3/4	69.85	.177	4.50	.69	88.30%
2-3/4	69.85	.162	4.11	.58	89.20%
2-3/4	69.85	.148	3.76	.48	90.00%
2-1/2	63.5	1	25.40	19.02	51.00%
2-1/2	63.5	3/4	19.05	11.37	59.20%
2-1/2	63.5	11/16	17.46	9.71	61.50%
2-1/2	63.5	5/8	15.88	8.16	64.00%
2-1/2	63.5	9/16	14.29	6.72	66.60%
2-1/2	63.5	1/2	12.70	5.41	69.40%
2-1/2	63.5	7/16	11.11	4.22	72.40%
2-1/2	63.5	3/8	9.53	3.16	75.60%
2-1/2	63.5	5/16	7.94	2.24	79.00%
2-1/2	63.5	.283	7.19	1.85	80.70%
2-1/2	63.5	.263	6.68	1.61	81.90%
2-1/2	63.5	.250	6.35	1.46	82.60%
2-1/2	63.5	.225	5.72	1.19	84.20%
2-1/2	63.5	.207	5.26	1.02	85.30%
2-1/2	63.5	.192	4.88	.88	86.20%
2-1/2	63.5	.177	4.50	.75	87.20%
2-1/2	63.5	.162	4.11	.63	88.20%
2-1/2	63.5	.148	3.76	.53	89.10%
2-1/4	57.15	1	25.40	20.61	47.90%
2-1/4	57.15	3/4	19.05	12.37	56.20%
2-1/4	57.15	11/16	17.46	10.58	58.70%
2-1/4	57.15	5/8	15.88	8.90	61.20%
2-1/4	57.15	9/16	14.29	7.34	64.00%
2-1/4	57.15	1/2	12.70	5.91	66.90%
2-1/4	57.15	7/16	11.11	4.62	70.10%
2-1/4	57.15	3/8	9.53	3.46	73.40%
2-1/4	57.15	5/16	7.94	2.46	77.10%
2-1/4	57.15	.283	7.19	2.04	78.90%
2-1/4	57.15	.263	6.68	1.77	80.20%
2-1/4	57.15	.250	6.35	1.61	81.00%
2-1/4	57.15	.225	5.72	1.31	82.60%
2-1/4	57.15	.207	5.26	1.12	83.90%
2-1/4	57.15	.192	4.88	.97	84.90%
2-1/4	57.15	.177	4.50	.83	85.90%
2-1/4	57.15	.162	4.11	.70	87.00%
2-1/4	57.15	.148	3.76	.59	88.00%
2-1/4	57.15	.135	3.43	.49	89.00%
2	50.80	1	25.40	22.49	44.40%
2	50.80	3/4	19.05	13.57	52.90%
2	50.80	11/16	17.46	11.62	55.40%
2	50.80	5/8	15.88	9.79	58.00%
2	50.80	9/16	14.29	8.09	60.90%
2	50.80	1/2	12.70	6.53	64.00%
2	50.80	7/16	11.11	5.11	67.30%
2	50.80	3/8	9.53	3.84	70.90%
2	50.80	5/16	7.94	2.73	74.80%
2	50.80	.283	7.19	2.26	76.70%
2	50.80	.263	6.68	1.97	78.10%
2	50.80	.250	6.35	1.79	79.00%
2	50.80	.225	5.72	1.46	80.80%
2	50.80	.207	5.26	1.25	82.10%
2	50.80	.192	4.88	1.08	83.20%
2	50.80	.177	4.50	.92	84.40%
2	50.80	.162	4.11	.78	85.60%
2	50.80	.148	3.76	.65	86.70%
2	50.80	.135	3.43	.55	87.80%
2	50.80	.120	3.05	.44	89.00%

SPACE SCREEN

Clear Opening or Space		Diameter of Rod or Wire		Steel Weight* **Lbs.** per Sq. Ft.	Open Area
Inch	Millimeter	Inch	Millimeter		
1-3/4	44.45	1	25.40	24.76	40.50%
1-3/4	44.45	3/4	19.05	15.03	49.00%
1-3/4	44.45	11/16	17.46	12.90	51.60%
1-3/4	44.45	5/18	15.88	10.88	54.30%
1-3/4	44.45	9/16	14.29	9.01	57.30%
1-3/4	44.45	1/2	12.70	7.29	60.50%
1-3/4	44.45	7/16	11.11	5.71	64.00%
1-3/4	44.45	3/8	9.53	4.30	67.80%
1-3/4	44.45	5/16	7.94	3.07	71.90%
1-3/4	44.45	.283	7.19	2.55	74.10%
1-3/4	44.45	.263	6.68	2.22	75.60%
1-3/4	44.45	.250	6.35	2.02	76.60%
1-3/4	44.45	.225	5.72	1.65	78.50%
1-3/4	44.45	.207	5.26	1.41	80.00%
1-3/4	44.45	.192	4.88	1.22	81.20%
1-3/4	44.45	.177	4.50	1.04	82.50%
1-3/4	44.45	.162	4.11	.88	83.80%
1-3/4	44.45	.148	3.76	.74	85.00%
1-3/4	44.45	.135	3.43	.62	86.20%
1-3/4	44.45	.120	3.05	.49	87.60%
1-1/2	38.10	1	25.40	27.57	36.00%
1-1/2	38.10	3/4	19.05	16.86	44.40%
1-1/2	38.10	11/16	17.46	14.50	47.00%
1-1/2	38.10	5/8	15.88	12.27	49.80%
1-1/2	38.10	9/16	14.29	10.18	52.80%
1-1/2	38.10	1/2	12.70	8.25	56.30%
1-1/2	38.10	7/16	11.11	6.48	59.90%
1-1/2	38.10	3/8	9.53	4.90	64.00%
1-1/2	38.10	5/16	7.94	3.50	68.50%
1-1/2	38.10	.283	7.19	2.91	70.80%
1-1/2	38.10	.263	6.68	2.54	72.40%
1-1/2	38.10	.250	6.35	2.31	73.40%
1-1/2	38.10	.225	5.72	1.89	75.60%
1-1/2	38.10	.207	5.26	1.62	77.20%
1-1/2	38.10	.192	4.88	1.40	78.60%
1-1/2	38.10	.177	4.50	1.20	80.00%
1-1/2	38.10	.162	4.11	1.02	81.50%
1-1/2	38.10	.148	3.76	.85	82.80%
1-1/2	38.10	.135	3.43	.72	84.20%
1-1/2	38.10	.120	3.05	.57	85.70%
1-3/8	34.93	3/4	19.05	17.97	41.90%
1-3/8	34.93	11/16	17.46	15.47	44.40%
1-3/8	34.93	5/8	15.88	13.10	47.30%
1-3/8	34.93	9/16	14.29	10.88	50.40%
1-3/8	34.93	1/2	12.70	8.83	53.80%
1-3/8	34.93	7/16	11.11	6.95	57.60%
1-3/8	34.93	3/8	9.53	5.26	61.70%
1-3/8	34.93	5/16	7.94	3.77	66.40%
1-3/8	34.93	.283	7.19	3.14	68.80%
1-3/8	34.93	.263	6.68	2.74	70.50%
1-3/8	34.93	.250	6.35	2.49	71.60%
1-3/8	34.93	.225	5.72	2.04	73.90%
1-3/8	34.93	.207	5.26	1.75	75.60%
1-3/8	34.93	.192	4.88	1.52	77.00%
1-3/8	34.93	.177	4.50	1.30	78.50%
1-3/8	34.93	.162	4.11	1.10	80.00%
1-3/8	34.93	.148	3.76	.92	81.50%
1-3/8	34.93	.135	3.43	.78	82.90%
1-3/8	34.93	.120	3.05	.62	84.60%

SPACE SCREEN

Clear Opening or Space		Diameter of Rod or Wire		Steel Weight* **Lbs.** per Sq. Ft.	Open Area
Inch	Millimeter	Inch	Millimeter		
1-1/4	31.75	3/4	19.05	19.22	39.10%
1-1/4	31.75	11/16	17.46	16.57	41.60%
1-1/4	31.75	5/8	15.88	14.06	44.40%
1-1/4	31.75	9/16	14.29	11.70	47.50%
1-1/4	31.75	1/2	12.70	9.51	51.00%
1-1/4	31.75	7/16	11.11	7.50	54.80%
1-1/4	31.75	3/8	9.53	5.69	59.20%
1-1/4	31.75	5/16	7.94	4.08	64.00%
1-1/4	31.75	.283	7.19	3.40	66.50%
1-1/4	31.75	.263	6.68	2.97	68.30%
1-1/4	31.75	.250	6.35	2.70	69.40%
1-1/4	31.75	.225	5.72	2.22	71.80%
1-1/4	31.75	.207	5.26	1.90	73.60%
1-1/4	31.75	.192	4.88	1.65	75.10%
1-1/4	31.75	.177	4.50	1.42	76.70%
1-1/4	31.75	.162	4.11	1.20	78.40%
1-1/4	31.75	.148	3.76	1.01	79.90%
1-1/4	31.75	.135	3.43	.85	81.50%
1-1/4	31.75	.120	3.05	.68	83.20%
1-1/4	31.75	.105	2.67	.52	85.10%
1-1/8	28.58	3/4	19.05	20.68	36.00%
1-1/8	28.58	11/16	17.46	17.86	38.50%
1-1/8	28.58	5/8	15.88	15.17	41.30%
1-1/8	28.58	9/16	14.29	12.65	44.40%
1-1/8	28.58	1/2	12.70	10.30	47.90%
1-1/8	28.58	7/16	11.11	8.14	51.80%
1-1/8	28.58	3/8	9.53	6.19	56.30%
1-1/8	28.58	5/16	7.94	4.45	61.20%
1-1/8	28.58	.283	7.19	3.71	63.80%
1-1/8	28.58	.263	6.68	3.25	65.70%
1-1/8	28.58	.250	6.35	2.96	66.90%
1-1/8	28.58	.225	5.72	2.43	69.40%
1-1/8	28.58	.207	5.26	2.08	71.30%
1-1/8	28.58	.192	4.88	1.81	73.00%
1-1/8	28.58	.177	4.50	1.55	74.70%
1-1/8	28.58	.162	4.11	1.32	76.40%
1-1/8	28.58	.148	3.76	1.11	78.10%
1-1/8	28.58	.135	3.43	.93	79.70%
1-1/8	28.58	.120	3.05	.74	81.70%
1-1/8	28.58	.105	2.67	.58	83.70%
1-1/8	28.58	.092	2.34	.45	85.50%
1	25.4	3/4	19.05	22.38	32.60%
1	25.4	11/16	17.46	19.37	35.10%
1	25.4	5/8	15.88	16.49	37.90%
1	25.4	9/16	14.29	13.78	41.00%
1	25.4	1/2	12.70	11.25	44.40%
1	25.4	7/16	11.11	8.91	48.40%
1	25.4	3/8	9.53	6.79	52.90%
1	25.4	5/16	7.94	4.90	58.00%
1	25.4	.283	7.19	4.09	60.80%
1	25.4	.263	6.68	3.58	62.70%
1	25.4	.250	6.35	3.26	64.00%
1	25.4	.225	5.72	2.69	66.60%
1	25.4	.207	5.26	2.31	68.60%
1	25.4	.192	4.88	2.01	70.40%
1	25.4	.177	4.50	1.72	72.20%
1	25.4	.162	4.11	1.46	74.00%
1	25.4	.148	3.76	1.23	75.90%
1	25.4	.135	3.43	1.04	77.60%
1	25.4	.120	3.05	.83	79.70%
1	25.4	.105	2.67	.64	81.90%
1	25.4	.092	2.34	.50	83.90%
1	25.4	.080	2.03	.38	85.70%

SPACE SCREEN

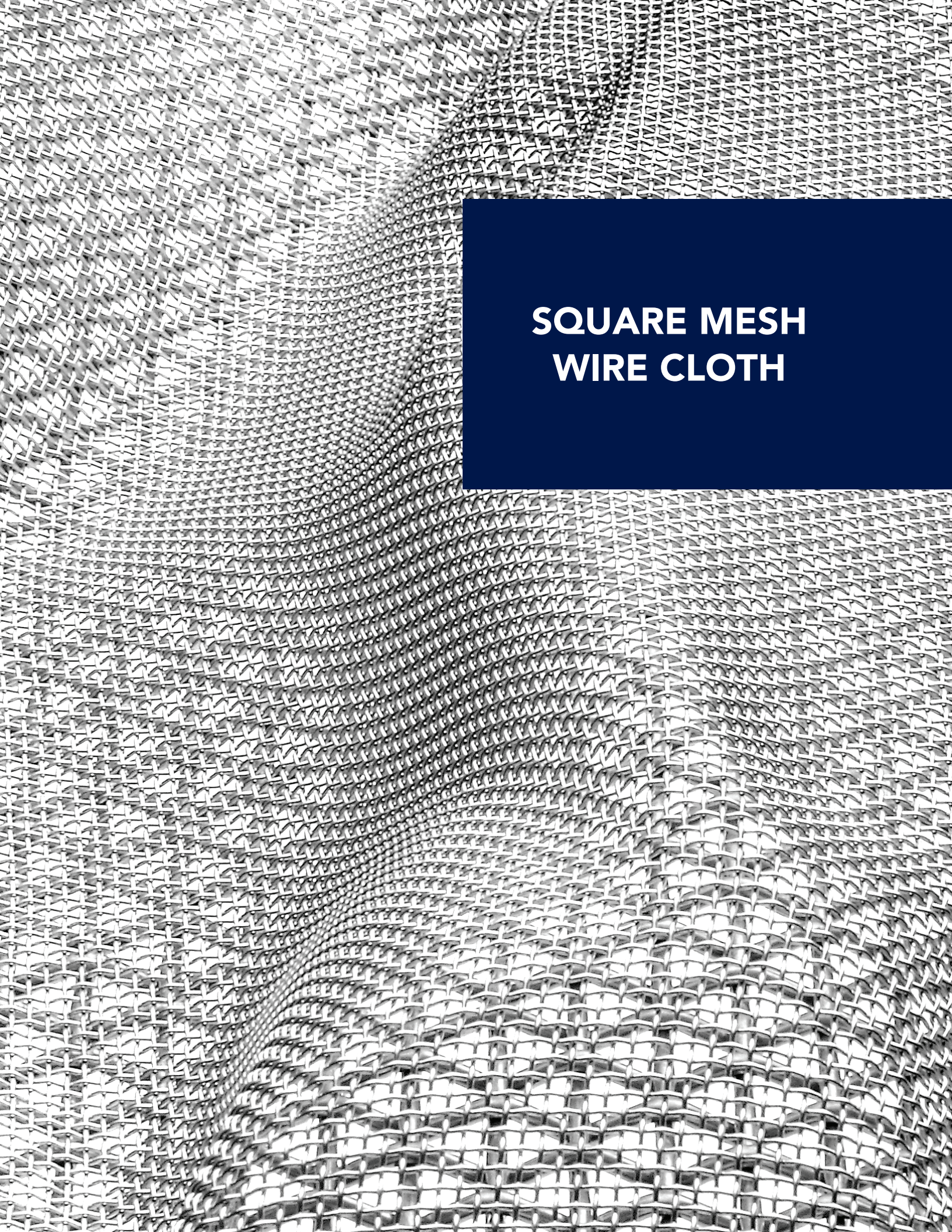
Clear Opening or Space		Diameter of Rod or Wire		Steel Weight* **Lbs.** per Sq. Ft.	Open Area
Inch	Millimeter	Inch	Millimeter		
7/8	22.23	5/8	15.88	18.06	34.00%
7/8	22.23	9/16	14.29	15.13	37.00%
7/8	22.23	1/2	12.70	12.38	40.50%
7/8	22.23	7/16	11.11	9.84	44.40%
7/8	22.23	3/8	9.53	7.52	49.00%
7/8	22.23	5/16	7.94	5.44	54.30%
7/8	22.23	.283	7.19	4.55	57.10%
7/8	22.23	.263	6.68	3.99	59.10%
7/8	22.23	.250	6.35	3.64	60.50%
7/8	22.23	.225	5.72	3.01	63.30%
7/8	22.23	.207	5.26	2.58	65.30%
7/8	22.23	.192	4.88	2.25	67.20%
7/8	22.23	.177	4.50	1.93	69.20%
7/8	22.23	.162	4.11	1.64	71.20%
7/8	22.23	.148	3.76	1.38	73.50%
7/8	22.23	.135	3.43	1.17	75.10%
7/8	22.23	.120	3.05	.93	77.30%
7/8	22.23	.105	2.67	.72	79.70%
7/8	22.23	.092	2.34	.56	81.90%
7/8	22.23	.080	2.03	.43	83.90%
3/4	19.05	5/8	15.88	19.98	29.70%
3/4	19.05	9/16	14.29	16.79	32.60%
3/4	19.05	1/2	12.70	13.79	36.00%
3/4	19.05	7/16	11.11	11.00	39.90%
3/4	19.05	3/8	9.53	8.44	44.40%
3/4	19.05	5/16	7.94	6.13	49.80%
3/4	19.05	.283	7.19	5.15	52.70%
3/4	19.05	.263	6.68	4.52	54.80%
3/4	19.05	.250	6.35	4.12	56.30%
3/4	19.05	.225	5.72	3.41	59.20%
3/4	19.05	.207	5.26	2.93	61.40%
3/4	19.05	.192	4.88	2.56	63.40%
3/4	19.05	.177	4.50	2.20	65.50%
3/4	19.05	.162	4.11	1.87	67.60%
3/4	19.05	.148	3.76	1.58	69.80%
3/4	19.05	.135	3.43	1.33	71.80%
3/4	19.05	.120	3.05	1.07	74.30%
3/4	19.05	.105	2.67	.83	76.90%
3/4	19.05	.092	2.34	.65	79.30%
3/4	19.05	.080	2.03	.50	81.70%
5/8	15.88	9/16	14.29	18.87	27.70%
5/8	15.88	1/2	12.70	15.57	30.90%
5/8	15.88	7/16	11.11	12.47	34.60%
5/8	15.88	3/8	9.53	9.61	39.10%
5/8	15.88	5/16	7.94	7.03	44.40%
5/8	15.88	.283	7.19	5.91	47.40%
5/8	15.88	.263	6.68	5.20	49.50%
5/8	15.88	.250	6.35	4.76	51.00%
5/8	15.88	.225	5.72	3.94	54.00%
5/8	15.88	.207	5.26	3.40	56.40%
5/8	15.88	.192	4.88	2.97	58.50%
5/8	15.88	.177	4.50	2.56	60.70%
5/8	15.88	.162	4.11	2.18	63.10%
5/8	15.88	.148	3.76	1.85	65.40%
5/8	15.88	.135	3.43	1.56	67.60%
5/8	15.88	.120	3.05	1.25	70.30%
5/8	15.88	.105	2.67	.98	73.40%
5/8	15.88	.092	2.34	.76	76.00%
5/8	15.88	.080	2.03	.58	78.60%
5/8	15.88	.072	1.83	.48	80.40%
5/8	15.88	.063	1.60	.37	82.50%

SPACE SCREEN

Clear Opening or Space		Diameter of Rod or Wire		Steel Weight* **Lbs.** per Sq. Ft.	Open Area
Inch	Millimeter	Inch	Millimeter		
1/2	12.70	7/16	11.11	14.42	28.40%
1/2	12.70	3/8	9.53	11.19	32.70%
1/2	12.70	5/16	7.94	8.24	37.90%
1/2	12.70	.283	7.19	6.96	40.80%
1/2	12.70	.263	6.68	6.14	42.90%
1/2	12.70	.250	6.35	5.62	44.40%
1/2	12.70	.225	5.72	4.68	47.50%
1/2	12.70	.207	5.26	4.04	49.80%
1/2	12.70	.192	4.88	3.54	52.20%
1/2	12.70	.177	4.50	3.06	54.50%
1/2	12.70	.162	4.11	2.61	57.10%
1/2	12.70	.148	3.76	2.22	59.50%
1/2	12.70	.135	3.48	1.88	62.00%
1/2	12.70	.120	3.05	1.51	65.00%
1/2	12.70	.105	2.67	1.18	68.30%
1/2	12.70	.092	2.34	.93	71.30%
1/2	12.70	.080	2.03	.71	74.30%
1/2	12.70	.072	1.83	.58	76.40%
1/2	12.70	.063	1.60	.45	78.90%
7/16	11.11	7/16	11.11	15.40	25.00%
7/16	11.11	3/8	9.53	12.20	29.00%
7/16	11.11	5/16	7.94	9.03	34.00%
7/16	11.11	.283	7.19	7.64	36.90%
7/16	11.11	.263	6.68	6.75	39.00%
7/16	11.11	.250	6.35	6.19	40.50%
7/16	11.11	.225	5.72	5.16	43.60%
7/16	11.11	.207	5.26	4.47	46.00%
7/16	11.11	.192	4.88	3.92	48.30%
7/16	11.11	.177	4.50	3.40	50.70%
7/16	11.11	.162	4.11	2.90	53.20%
7/16	11.11	.148	3.76	2.47	55.80%
7/16	11.11	.135	3.43	2.09	58.40%
7/16	11.11	.120	3.05	1.69	61.50%
7/16	11.11	.105	2.67	1.33	65.00%
7/16	11.11	.092	2.34	1.04	68.30%
7/16	11.11	.080	2.03	.80	71.50%
7/16	11.11	.072	1.83	.66	73.70%
7/16	11.11	.063	1.60	.51	76.40%
3/8	9.53	3/8	9.53	13.20	25.00%
3/8	9.53	5/16	7.94	9.99	29.70%
3/8	9.53	.283	7.19	8.48	32.50%
3/8	9.53	.263	6.68	7.51	34.50%
3/8	9.53	.250	6.35	6.89	36.00%
3/8	9.53	.225	5.72	5.77	39.00%
3/8	9.53	.207	5.26	5.00	41.50%
3/8	9.53	.192	4.88	4.39	43.80%
3/8	9.53	.177	4.50	3.82	46.10%
3/8	9.53	.162	4.11	3.27	48.70%
3/8	9.53	.148	3.76	2.79	51.40%
3/8	9.53	.135	3.43	2.37	54.10%
3/8	9.53	.120	3.05	1.92	57.40%
3/8	9.53	.105	2.67	1.51	61.00%
3/8	9.53	.092	2.34	1.18	64.50%
3/8	9.53	.080	2.03	.91	67.90%
3/8	9.53	.072	1.83	.75	70.40%
3/8	9.53	.063	1.60	.59	73.30%
3/8	9.53	.054	1.37	.44	76.40%

SPACE SCREEN

Clear Opening or Space		Diameter of Rod or Wire		Steel Weight* **Lbs.** per Sq. Ft.	Open Area
Inch	Millimeter	Inch	Millimeter		
5/16	7.94	.263	6.68	8.46	29.50%
5/16	7.94	.250	6.35	7.78	30.90%
5/16	7.94	.225	5.72	6.53	33.80%
5/16	7.94	.207	5.26	5.68	36.20%
5/16	7.94	.192	4.88	5.00	38.40%
5/16	7.94	.177	4.50	4.36	40.80%
5/16	7.94	.162	4.11	3.74	43.40%
5/16	7.94	.148	3.76	3.20	46.00%
5/16	7.94	.135	3.43	2.72	48.80%
5/16	7.94	.120	3.05	2.21	52.20%
5/16	7.94	.105	2.67	1.74	56.00%
5/16	7.94	.092	2.34	1.37	59.60%
5/16	7.94	.080	2.03	1.07	63.40%
5/16	7.94	.072	1.83	.88	66.10%
5/16	7.94	.063	1.60	.69	69.30%
5/16	7.94	.054	1.37	.51	72.70%
1/4	6.35	.250	6.35	8.95	25.00%
1/4	6.35	.225	5.72	7.55	27.70%
1/4	6.35	.207	5.26	6.59	29.90%
1/4	6.35	.192	4.88	5.82	32.00%
1/4	6.35	.177	4.50	5.08	34.30%
1/4	6.35	.162	4.11	4.38	36.80%
1/4	6.35	.148	3.76	3.76	39.40%
1/4	6.35	.135	3.43	3.21	42.20%
1/4	6.35	.120	3.05	2.62	45.60%
1/4	6.35	.105	2.67	2.07	49.60%
1/4	6.35	.092	2.34	1.64	53.40%
1/4	6.35	.080	2.03	1.28	57.40%
1/4	6.35	.072	1.83	1.06	60.30%
1/4	6.35	.063	1.60	.83	63.80%
1/4	6.35	.054	1.37	.62	67.60%
1/4	6.35	.047	1.19	.48	70.90%
3/16	4.76	.192	4.88	6.97	24.40%
3/16	4.76	.177	4.50	6.12	26.50%
3/16	4.76	.162	4.11	5.30	28.80%
3/16	4.76	.148	3.76	4.57	31.30%
3/16	4.76	.135	3.43	3.92	33.80%
3/16	4.76	.120	3.05	3.22	37.20%
3/16	4.76	.105	2.67	2.56	41.10%
3/16	4.76	.092	2.34	2.04	45.10%
3/16	4.76	.080	2.03	1.60	49.10%
3/16	4.76	.072	1.83	1.33	52.20%
3/16	4.76	.063	1.60	1.05	56.00%
3/16	4.76	.054	1.37	.79	60.30%
3/16	4.76	.047	1.19	.62	63.90%
3/16	4.76	.041	1.04	.48	67.30%
1/8	3.18	.135	3.43	4.98	23.10%
1/8	3.18	.120	3.05	4.19	26.00%
1/8	3.18	.105	2.67	3.37	29.50%
1/8	3.18	.092	2.34	2.71	33.20%
1/8	3.18	.080	2.03	2.15	37.20%
1/8	3.18	.072	1.83	1.79	40.30%
1/8	3.18	.063	1.60	1.43	44.20%
1/8	3.18	.054	1.37	1.09	48.80%
1/8	3.18	.047	1.19	.85	52.80%
1/8	3.18	.041	1.04	.67	56.70%
1/8	3.18	.035	.89	.50	61.00%
1/8	3.18	.032	.81	.43	63.40%



SQUARE MESH WIRE CLOTH

SQUARE MESH WIRE CLOTH

Meshes per Linear Inch		Diameter of Wire		Width of Opening		Weight* Lbs. per Sq. Ft.		Open Area
		Dec. of Inch	Millimeter	Inches	Millimeter	Steel	Brass	
1 in.		0.331	8.41	0.669	16.99	7.387	8.163	44.8%
1 in.		0.307	7.80	0.693	17.60	6.312	6.975	48.0%
1 in.		0.283	7.19	0.717	18.21	5.328	5.888	51.4%
1 in.		0.263	6.68	0.737	18.72	4.579	5.060	54.3%
1 in.		0.25	6.35	0.750	19.05	4.124	4.557	56.3%
1 in.		0.225	5.72	0.775	19.68	3.321	3.670	60.1%
1 in.		0.207	5.26	0.793	20.14	2.801	3.095	62.9%
1 in.		0.192	4.88	0.808	20.52	2.403	2.656	65.3%
1 in.	Center to Center of Wire	0.177	4.50	0.823	20.90	2.037	2.251	67.7%
1 in.		0.162	4.11	0.838	21.29	1.702	1.881	70.2%
1 in.		0.148	3.76	0.852	21.64	1.417	1.566	72.6%
1 in.		0.135	3.43	0.865	21.97	1.177	1.301	74.8%
1 in.		0.12	3.05	0.880	22.35	0.928	1.026	77.4%
1 in.		0.105	2.67	0.895	22.73	0.710	0.785	80.1%
1 in.		0.092	2.34	0.908	23.06	0.544	0.601	82.0%
1 in.		0.08	2.03	0.920	23.37	0.411	0.454	84.6%
1 in.		0.072	1.83	0.9280	23.57	0.333	0.368	86.1%
1 in.		0.063	1.60	0.9370	23.80	0.255	0.282	87.8%
3/4 in.		0.307	7.80	0.443	11.25	8.054	8.900	34.9%
3/4 in.		0.283	7.19	0.467	11.86	7.303	8.071	38.8%
3/4 in.		0.263	6.68	0.487	12.37	6.254	6.914	42.1%
3/4 in.		0.25	6.35	0.500	12.70	5.623	6.214	44.4%
3/4 in.		0.225	5.72	0.525	13.34	4.510	4.984	49.0%
3/4 in.		0.207	5.26	0.543	13.79	3.794	4.193	52.4%
3/4 in.		0.192	4.88	0.558	14.17	3.248	3.590	55.3%
3/4 in.		0.177	4.50	0.573	14.55	2.747	3.036	58.3%
3/4 in.	Center to Center of Wire	0.162	4.11	0.588	14.94	2.292	2.533	61.4%
3/4 in.		0.148	3.76	0.602	15.29	1.905	2.105	64.4%
3/4 in.		0.135	3.43	0.615	15.62	1.581	1.747	67.2%
3/4 in.		0.120	3.05	0.630	16.00	1.244	1.375	70.5%
3/4 in.		0.105	2.67	0.645	16.38	0.950	1.050	73.9%
3/4 in.		0.092	2.34	0.658	16.71	0.728	0.805	76.9%
3/4 in.		0.08	2.03	0.670	17.02	0.549	0.607	79.8%
3/4 in.		0.072	1.83	0.678	17.22	0.445	0.492	81.7%
3/4 in.		0.063	1.60	0.687	17.45	0.340	0.376	83.9%
3/4 in.		0.054	1.37	0.696	17.68	0.249	0.275	86.1%
5/8 in.		0.283	7.19	0.342	8.69	9.004	9.950	30.0%
5/8 in.		0.263	6.68	0.362	9.19	7.686	8.494	33.5%
5/8 in.		0.25	6.35	0.375	9.53	6.894	7.619	36.0%
5/8 in.		0.225	5.72	0.400	10.16	5.510	6.089	41.0%
5/8 in.		0.207	5.26	0.418	10.62	4.624	5.110	44.7%
5/8 in.		0.192	4.88	0.433	11.00	3.950	4.365	48.0%
5/8 in.		0.177	4.50	0.448	11.38	3.335	3.686	51.4%
5/8 in.		0.162	4.11	0.463	11.76	2.777	3.069	54.9%
5/8 in.	Center to Center of Wire	0.148	3.76	0.477	12.12	2.305	2.547	58.3%
5/8 in.		0.135	3.43	0.490	12.45	1.910	2.111	61.5%
5/8 in.		0.12	3.05	0.505	12.83	1.502	1.660	65.3%
5/8 in.		0.105	2.67	0.520	13.21	1.145	1.265	69.2%
5/8 in.		0.092	2.34	0.533	13.54	0.879	0.971	72.7%
5/8 in.		0.08	2.03	0.545	13.84	0.661	0.730	76.0%
5/8 in.		0.072	1.83	0.553	14.05	0.535	0.591	78.3%
5/8 in.		0.063	1.60	0.562	14.27	0.409	0.452	80.9%
5/8 in.		0.054	1.37	0.571	14.50	0.300	0.332	83.5%
5/8 in.		0.047	1.19	0.578	14.68	0.227	0.251	85.5%
2		0.25	6.35	0.250	6.35	8.946	8.946	25.0%
2		0.225	5.72	0.275	6.99	7.106	7.106	30.3%
2		0.207	5.26	0.293	7.44	5.938	5.398	34.3%
2		0.192	4.88	0.308	7.82	5.055	5.055	37.9%
2		0.177	4.50	0.323	8.20	4.254	4.254	41.7%
2		0.162	4.11	0.335	8.59	3.533	3.533	45.7%
2		0.148	3.76	0.352	8.94	2.924	2.924	49.6%
2		0.135	3.43	0.365	9.27	2.417	2.417	53.3%
2		0.12	3.05	0.380	9.65	1.896	1.896	57.8%
2		0.105	2.67	0.395	10.03	1.442	1.442	62.4%

SQUARE MESH WIRE CLOTH

Meshes per Linear Inch	Diameter of Wire		Width of Opening		Weight* Lbs. per Sq. Ft.		Open Area
	Dec. of Inch	Millimeter	Inches	Millimeter	Steel	Brass	
2	0.092	2.34	0.408	10.36	1.102	1.102	66.6%
2	0.08	2.03	0.420	10.67	0.830	0.830	70.6%
2	0.072	1.83	0.428	10.87	0.671	0.670	73.3%
2	0.063	1.60	0.437	11.10	0.512	0.512	76.4%
2	0.054	1.37	0.446	11.33	0.376	0.376	79.6%
2	0.047	1.19	0.453	11.51	0.284	0.284	82.1%
2	0.041	1.04	0.459	11.66	0.216	0.216	84.3%
2	0.035	0.089	0.465	11.81	0.157	0.157	86.5%
2-1/4	0.225	5.72	0.219	5.56	8.171	8.171	24.3%
2-1/4	0.207	5.26	0.237	6.02	6.809	6.809	28.4%
2-1/4	0.192	4.88	0.252	6.40	5.784	5.784	32.2%
2-1/4	0.177	4.50	0.267	6.78	4.857	4.857	36.1%
2-1/4	0.162	4.11	0.282	7.16	4.023	4.023	40.3%
2-1/4	0.148	3.76	0.296	7.52	3.325	3.325	44.4%
2-1/4	0.135	3.43	0.309	7.85	2.743	2.743	48.3%
2-1/4	0.12	3.05	0.324	8.23	2.148	2.148	53.1%
2-1/4	0.105	2.67	0.339	8.10	1.632	1.632	58.2%
2-1/4	0.092	2.34	0.352	8.94	1.245	1.245	62.7%
2-1/4	0.08	2.03	0.364	9.25	0.937	0.937	67.1%
2-1/4	0.072	1.83	0.372	9.45	0.757	0.757	70.1%
2-1/4	0.063	1.60	0.381	9.68	0.578	0.578	73.5%
2-1/4	0.054	1.37	0.390	9.91	0.423	0.423	77.0%
2-1/4	0.047	1.19	0.397	10.08	0.320	0.320	79.8%
2-1/4	0.041	1.04	0.403	10.24	0.243	0.243	82.2%
2-1/4	0.035	0.089	0.409	10.39	0.177	0.177	84.7%
2-1/2	0.225	5.72	0.175	4.45	9.293	9.293	19.1%
2-1/2	0.207	5.26	0.193	4.90	7.722	0.722	23.3%
2-1/2	0.192	4.88	0.208	5.28	6.544	6.544	27.0%
2-1/2	0.177	4.50	0.223	5.66	5.482	5.482	31.1%
2-1/2	0.162	4.11	0.238	6.05	4.531	4.531	35.4%
2-1/2	0.148	3.76	0.252	6.40	3.737	3.737	39.7%
2-1/2	0.135	3.43	0.265	6.73	3.078	3.078	43.9%
2-1/2	0.12	3.05	0.280	7.11	2.406	2.406	49.0%
2-1/2	0.105	2.67	0.295	7.49	1.824	1.824	54.4%
2-1/2	0.092	2.34	0.308	7.82	1.390	1.390	59.3%
2-1/2	0.08	2.03	0.320	8.13	1.044	1.044	64.0%
2-1/2	0.072	1.83	0.328	8.33	0.843	0.843	67.2%
2-1/2	0.063	1.60	0.337	8.56	0.643	0.643	71.0%
2-1/2	0.054	1.37	0.346	8.79	0.471	0.471	74.8%
2-1/2	0.047	1.19	0.353	8.97	0.356	0.356	77.9%
2-1/2	0.041	1.04	0.359	9.12	0.270	0.270	80.6%
2-1/2	0.035	0.089	0.365	9.27	0.197	0.197	83.3%
2-3/4	0.177	4.50	0.187	4.75	6.134	6.779	26.4%
2-3/4	0.162	4.11	0.202	5.13	5.058	5.590	30.9%
2-3/4	0.148	3.76	0.216	5.49	4.163	4.601	35.3%
2-3/4	0.135	3.43	0.229	5.82	3.422	3.782	39.7%
2-3/4	0.12	3.05	0.244	6.20	2.670	2.951	45.0%
2-3/4	0.105	2.67	0.259	6.58	2.020	2.232	40.7%
2-3/4	0.092	2.34	0.272	6.91	1.537	1.699	56.0%
2-3/4	0.08	2.03	0.284	7.21	1.153	1.274	61.0%
2-3/4	0.072	1.83	0.292	7.42	0.930	1.028	64.9%
2-3/4	0.063	1.60	0.301	7.65	0.709	0.784	68.5%
2-3/4	0.054	1.37	0.310	7.87	0.519	0.574	72.7%
2-3/4	0.047	1.19	0.317	8.05	0.392	0.433	76.0%
2-3/4	0.041	1.04	0.323	8.20	0.298	0.329	78.9%
2-3/4	0.035	0.089	0.329	8.36	0.217	0.240	81.9%
3	0.162	4.11	0.171	4.34	5.604	6.193	26.3%
3	0.148	3.76	0.185	4.70	4.602	5.086	30.8%
3	0.135	3.43	0.198	5.03	3.776	4.173	35.3%
3	0.12	3.05	0.213	5.41	2.939	3.248	40.8%
3	0.105	2.67	0.228	5.79	2.220	2.453	46.8%
3	0.092	2.34	0.241	6.12	1.687	1.864	52.3%
3	0.08	2.03	0.253	6.43	1.264	1.397	57.6%
3	0.072	1.83	0.261	6.63	1.019	1.126	61.3%
3	0.063	1.60	0.270	6.86	0.776	0.858	65.6%

SQUARE MESH WIRE CLOTH

Meshes per Linear Inch	Diameter of Wire		Width of Opening		Weight* Lbs. per Sq. Ft.		Open Area
	Dec. of Inch	Millimeter	Inches	Millimeter	Steel	Brass	
3	0.054	1.37	0.279	7.09	0.567	0.627	70.1%
3	0.047	1.19	0.286	7.26	0.425	0.473	73.6%
3	0.041	1.04	0.292	7.42	0.325	0.359	76.7%
3	0.035	0.89	0.298	7.57	0.237	0.262	79.9%
3	0.032	0.81	0.301	7.65	0.197	0.218	81.5%
3-1/4	0.148	3.76	0.160	4.06	5.056	5.587	27.0%
3-1/4	0.135	3.43	0.173	4.39	4.140	4.575	31.6%
3-1/4	0.12	3.05	0.188	4.78	3.216	3.554	37.3%
3-1/4	0.105	2.67	0.203	5.16	2.424	2.679	43.5%
3-1/4	0.092	2.34	0.216	5.49	1.838	2.031	49.3%
3-1/4	0.08	2.03	0.228	5.79	1.376	1.521	54.9%
3-1/4	0.072	1.83	0.236	5.99	1.108	1.224	58.8%
3-1/4	0.063	1.60	0.245	6.22	0.843	0.932	63.4%
3-1/4	0.054	1.37	0.254	6.45	0.616	0.681	68.1%
3-1/4	0.047	1.19	0.261	6.63	0.465	0.514	72.0%
3-1/4	0.041	1.04	0.267	6.78	0.353	0.360	75.3%
3-1/4	0.035	0.89	0.273	6.93	0.256	0.283	78.7%
3-1/4	0.032	0.81	0.276	7.01	0.214	0.236	80.5%
3-1/2	0.148	3.76	0.138	3.51	5.250	5.802	23.3%
3-1/2	0.135	3.43	0.151	3.84	4.290	4.741	27.9%
3-1/2	0.12	3.05	0.166	4.22	3.499	3.867	33.8%
3-1/2	0.105	2.67	0.181	4.60	2.632	2.909	40.1%
3-1/2	0.092	2.34	0.194	4.93	1.993	2.202	46.1%
3-1/2	0.08	2.03	0.206	5.23	1.489	1.645	52.0%
3-1/2	0.072	1.83	0.214	5.44	1.198	1.324	56.1%
3-1/2	0.063	1.60	0.223	5.66	0.911	1.007	60.9%
3-1/2	0.054	1.37	0.232	5.89	0.665	0.735	65.9%
3-1/2	0.047	1.19	0.239	6.07	0.502	0.555	70.0%
3-1/2	0.041	1.04	0.245	6.22	0.381	0.421	73.5%
3-1/2	0.035	0.89	0.251	6.38	0.276	0.305	77.2%
3-1/2	0.032	0.81	0.254	6.45	0.231	0.255	79.0%
3-3/4	0.148	3.76	0.119	3.02	5.713	6.313	19.9%
3-3/4	0.135	3.43	0.132	3.35	4.659	5.149	24.5%
3-3/4	0.12	3.05	0.147	3.73	3.601	3.979	30.4%
3-3/4	0.105	2.67	0.162	4.11	2.845	3.144	36.9%
3-3/4	0.092	2.34	0.175	4.45	2.150	2.376	43.1%
3-3/4	0.08	2.03	0.187	4.75	1.604	1.733	49.2%
3-3/4	0.072	1.83	0.195	4.95	1.289	1.424	53.5%
3-3/4	0.063	1.60	0.204	5.18	0.979	1.082	58.5%
3-3/4	0.054	1.37	0.213	5.41	0.714	0.789	63.8%
3-3/4	0.047	1.19	0.220	5.59	0.538	0.595	68.1%
3-3/4	0.041	1.04	0.226	5.74	0.408	0.451	71.8%
3-3/4	0.035	0.89	0.232	5.89	0.297	0.328	75.7%
3-3/4	0.032	0.81	0.235	5.97	0.248	0.274	77.7%
4	0.148	3.76	0.102	2.59	6.191	6.892	16.2%
4	0.135	3.43	0.115	2.92	5.038	5.567	21.2%
4	0.12	3.05	0.130	3.30	3.886	4.294	27.0%
4	0.105	2.67	0.145	3.68	3.062	3.384	33.6%
4	0.092	2.34	0.158	4.01	2.310	2.553	39.9%
4	0.08	2.03	0.170	4.32	1.721	1.902	46.2%
4	0.072	1.83	0.178	4.52	1.382	1.527	40.7%
4	0.063	1.60	0.187	4.75	1.048	1.158	56.0%
4	0.054	1.37	0.1960	4.98	0.764	0.844	61.5%
4	0.047	1.19	0.203	5.16	0.576	0.637	65.9%
4	0.041	1.04	0.209	5.31	0.439	0.482	69.9%
4	0.035	0.89	0.215	5.46	0.317	0.350	74.0%
4	0.032	0.81	0.218	5.54	0.264	0.292	76.0%
4	0.028	0.71	0.222	5.64	0.202	0.223	78.9%
4	0.025	0.64	0.225	5.72	0.161	0.178	81.0%
4-1/2	0.12	3.05	0.102	2.59	4.479	4.950	21.1%
4-1/2	0.105	2.67	0.117	2.97	3.337	3.688	27.7%
4-1/2	0.092	2.34	0.130	3.30	2.639	2.916	34.2%
4-1/2	0.08	2.03	0.142	3.61	1.959	2.165	40.8%
4-1/2	0.072	1.83	0.150	3.81	1.570	1.735	45.6%

SQUARE MESH WIRE CLOTH

Meshes per Linear Inch	Diameter of Wire		Width of Opening		Weight* Lbs. per Sq. Ft.		Open Area
	Dec. of Inch	Millimeter	Inches	Millimeter	Steel	Brass	
4-1/2	0.054	1.37	0.168	4.27	0.864	0.955	57.2%
4-1/2	0.047	1.19	0.175	4.45	0.650	0.718	62.0%
4-1/2	0.041	1.04	0.181	4.60	0.492	0.544	66.3%
4-1/2	0.035	0.89	0.187	4.75	0.357	0.395	70.8%
4-1/2	0.032	0.81	0.190	4.83	0.298	0.329	73.1%
4-1/2	0.028	0.71	0.194	4.93	0.228	0.252	76.2%
4-1/2	0.025	0.64	0.197	5.00	0.181	0.200	78.6%
5	0.12	3.05	0.080	2.03	5.106	5.643	16.0%
5	0.105	2.67	0.095	2.41	3.787	4.185	22.6%
5	0.092	2.34	0.108	2.74	2.834	3.132	29.2%
5	0.08	2.03	0.120	3.05	2.206	2.438	36.0%
5	0.072	1.83	0.128	3.25	1.764	1.949	41.0%
5	0.063	1.60	0.137	3.48	1.332	1.472	46.9%
5	0.054	1.37	0.146	3.71	0.967	1.069	53.3%
5	0.047	1.19	0.153	3.89	0.726	0.802	58.5%
5	0.041	1.04	0.159	4.04	0.549	0.607	63.2%
5	0.035	0.89	0.165	4.19	0.398	0.440	68.1%
5	0.032	0.81	0.168	4.27	0.332	0.367	70.6%
5	0.028	0.71	0.172	4.37	0.253	0.280	74.0%
5	0.025	0.64	0.175	4.45	0.202	0.223	76.6%
5	0.023	0.58	0.177	4.50	0.170	0.188	78.3%
5-1/2	0.105	2.67	0.077	1.96	4.483	4.954	17.9%
5-1/2	0.092	2.34	0.090	2.29	3.173	3.506	24.5%
5-1/2	0.08	2.03	0.102	2.59	2.339	2.585	31.5%
5-1/2	0.072	1.83	0.110	2.79	1.963	2.169	36.6%
5-1/2	0.063	1.60	0.119	3.02	1.479	1.634	42.8%
5-1/2	0.054	1.37	0.128	3.25	1.071	1.184	49.6%
5-1/2	0.047	1.19	0.135	3.43	0.803	0.887	55.1%
5-1/2	0.041	1.04	0.141	3.58	0.607	0.671	60.1%
5-1/2	0.035	0.89	0.147	3.73	0.439	0.485	65.4%
5-1/2	0.032	0.81	0.150	3.81	0.366	0.404	68.1%
5-1/2	0.028	0.71	0.154	3.91	0.279	0.308	71.7%
5-1/2	0.025	0.64	0.157	3.99	0.222	0.245	74.6%
5-1/2	0.023	0.58	0.159	4.04	0.188	0.208	76.5%
6	0.092	2.34	0.075	1.91	3.528	3.899	20.2%
6	0.08	2.03	0.087	2.21	2.591	2.863	27.2%
6	0.072	1.83	0.095	2.41	2.169	2.397	32.5%
6	0.063	1.60	0.104	2.64	1.630	1.801	38.9%
6	0.054	1.37	0.113	2.87	1.177	1.301	46.0%
6	0.047	1.19	0.120	3.05	0.882	0.975	51.8%
6	0.041	1.04	0.126	3.20	0.665	0.735	57.2%
6	0.035	0.89	0.132	3.35	0.481	0.532	62.7%
6	0.032	0.81	0.135	3.43	0.400	0.442	65.6%
6	0.028	0.71	0.319	3.53	0.305	0.337	69.6%
6	0.025	0.64	0.142	3.61	0.243	0.269	72.6%
6	0.023	0.58	0.144	3.66	0.205	0.227	74.7%
6	0.02	0.51	0.147	3.73	0.155	0.171	77.8%
6-1/2	0.092	2.34	0.062	1.57	3.899	4.309	16.2%
6-1/2	0.08	2.03	0.074	1.88	2.851	3.151	23.1%
6-1/2	0.072	1.83	0.082	2.08	2.263	2.501	28.4%
6-1/2	0.063	1.60	0.091	2.31	1.696	1.874	35.0%
6-1/2	0.054	1.37	0.100	2.54	1.286	1.421	42.3%
6-1/2	0.047	1.19	0.107	2.72	0.961	1.062	48.4%
6-1/2	0.041	1.04	0.113	2.87	0.724	0.800	53.0%
6-1/2	0.035	0.89	0.119	3.02	0.523	0.780	59.8%
6-1/2	0.032	0.81	0.122	3.10	0.435	0.481	62.9%
6-1/2	0.028	0.71	0.126	3.20	0.332	0.367	67.1%
6-1/2	0.025	0.64	0.129	3.28	0.263	0.291	70.3%
6-1/2	0.023	0.58	0.131	3.33	0.223	0.246	72.5%
6-1/2	0.02	0.51	0.134	3.40	0.168	0.186	75.9%
7	0.08	2.03	0.063	1.60	3.122	3.450	19.5%
7	0.072	1.83	0.071	1.80	2.472	2.732	27.7%
7	0.063	1.60	0.080	2.03	1.847	2.041	31.4%

SQUARE MESH WIRE CLOTH

Meshes per Linear Inch	Diameter of Wire		Width of Opening		Weight* Lbs. per Sq. Ft.		Open Area
	Dec. of Inch	Millimeter	Inches	Millimeter	Steel	Brass	
7	0.054	1.37	0.089	2.26	1.397	1.544	38.8%
7	0.047	1.19	0.096	2.44	1.042	1.152	45.2%
7	0.041	1.04	0.102	2.59	0.784	0.866	51.0%
7	0.035	0.89	0.108	2.74	0.565	0.624	57.0%
7	0.032	0.81	0.111	2.82	0.470	0.519	60.4%
7	0.028	0.71	0.115	2.92	0.358	0.396	64.8%
7	0.025	0.64	0.118	3.00	0.284	0.314	68.2%
7	0.023	0.58	0.120	3.05	0.240	0.265	70.6%
7	0.02	0.51	0.123	3.12	0.181	0.200	74.1%
7	0.018	0.46	0.125	3.18	0.146	0.161	76.6%
7-1/2	0.08	2.03	0.053	1.35	3.404	3.762	15.8%
7-1/2	0.072	1.83	0.061	1.55	2.687	2.969	20.9%
7-1/2	0.063	1.60	0.070	1.78	2.003	2.214	27.6%
7-1/2	0.054	1.37	0.079	2.01	1.510	1.669	35.1%
7-1/2	0.047	1.19	0.086	2.18	1.125	1.243	41.6%
7-1/2	0.041	1.04	0.092	2.34	0.844	0.933	47.6%
7-1/2	0.035	0.89	0.098	2.49	0.608	0.672	54.0%
7-1/2	0.032	0.81	0.101	2.57	0.506	0.559	57.4%
7-1/2	0.028	0.71	0.105	2.67	0.384	0.424	62.0%
7-1/2	0.025	0.64	0.108	2.74	0.305	0.337	65.6%
7-1/2	0.023	0.58	0.110	2.79	0.258	0.285	68.1.%
7-1/2	0.02	0.51	0.113	2.87	0.194	0.214	71.8%
7-1/2	0.018	0.46	0.115	2.92	0.157	0.174	74.4%
8	0.072	1.83	0.053	1.35	2.911	3.217	18.0%
8	0.063	1.60	0.062	1.58	2.163	2.390	24.6%
8	0.054	1.37	0.071	1.80	1.627	1.798	32.3%
8	0.047	1.19	0.078	1.98	1.209	1.336	38.9%
8	0.041	1.04	0.084	2.13	0.906	1.001	45.2%
8	0.035	0.89	0.090	2.29	0.651	0.719	51.8%
8	0.032	0.81	0.093	2.36	0.541	0.598	55.4%
8	0.028	0.71	0.097	2.46	0.411	0.454	60.2%
8	0.025	0.64	0.100	2.54	0.326	0.360	64.0%
8	0.023	0.58	0.102	2.59	0.275	0.304	66.6%
8	0.02	0.51	0.105	2.67	0.207	0.229	70.6%
8	0.018	0.46	0.107	2.72	0.168	0.186	73.3%
8	0.017	0.43	0.108	2.74	0.149	0.165	74.6%
8-1/2	0.072	1.83	0.046	1.17	3.143	3.473	15.3%
8-1/2	0.063	1.60	0.055	1.40	2.328	2.573	21.9%
8-1/2	0.054	1.37	0.064	1.63	1.659	1.833	29.6%
8-1/2	0.047	1.19	0.071	1.80	1.294	1.143	36.4%
8-1/2	0.041	1.04	0.077	1.96	0.968	1.070	42.8%
8-1/2	0.035	0.89	0.083	2.11	0.695	0.768	49.8%
8-1/2	0.032	0.81	0.086	2.18	0.577	0.638	53.4%
8-1/2	0.028	0.71	0.090	2.29	0.438	0.484	58.5%
8-1/2	0.025	0.64	0.093	2.36	0.348	0.385	62.5%
8-1/2	0.023	0.58	0.095	2.41	0.293	0.324	65.2%
8-1/2	0.02	0.51	0.098	2.49	0.221	0.244	69.4%
8-1/2	0.018	0.46	0.100	2.54	0.178	0.197	72.3%
8-1/2	0.017	0.43	0.101	2.57	0.159	0.176	73.7%
9	0.072	1.83	0.039	0.99	3.382	3.737	12.3%
9	0.063	1.60	0.048	1.22	2.498	2.761	18.7%
9	0.054	1.37	0.057	1.45	1.774	1.960	26.3%
9	0.047	1.19	0.064	1.63	1.382	1.527	33.2%
9	0.041	1.04	0.070	1.78	1.032	1.140	39.7%
9	0.035	0.89	0.076	1.93	0.740	0.818	46.8%
9	0.032	0.81	0.079	2.01	0.614	0.679	50.6%
9	0.028	0.71	0.083	2.11	0.466	0.515	55.8%
9	0.025	0.64	0.086	2.18	0.369	0.408	59.9%
9	0.023	0.58	0.088	2.24	0.311	0.344	62.7%
9	0.02	0.51	0.091	2.31	0.234	0.259	67.1%
9	0.018	0.46	0.093	2.36	0.189	0.209	70.1%
9	0.017	0.43	0.094	2.39	0.168	0.186	71.6%
9	0.016	0.41	0.095	2.41	0.149	0.165	73.1%
9-1/2	0.063	1.60	0.042	1.07	2.673	2.954	15.9%

SQUARE MESH WIRE CLOTH

Meshes per Linear Inch	Diameter of Wire		Width of Opening		Weight* Lbs. per Sq. Ft.		Open Area
	Dec. of Inch	Millimeter	Inches	Millimeter	Steel	Brass	
9-1/2	0.054	1.37	0.051	1.30	1.893	2.092	23.5%
9-1/2	0.047	1.19	0.058	1.47	1.471	1.626	30.4%
9-1/2	0.041	1.04	0.064	1.63	1.097	1.212	37.0%
9-1/2	0.035	0.89	0.070	1.78	0.785	0.868	44.2%
9-1/2	0.032	0.81	0.073	1.85	0.651	0.719	48.1%
9-1/2	0.028	0.71	0.077	1.96	0.493	0.545	53.5%
9-1/2	0.025	0.64	0.080	2.03	0.391	0.432	57.8%
9-1/2	0.023	0.58	0.082	2.08	0.329	0.364	60.7%
9-1/2	0.02	0.51	0.085	2.16	0.248	0.274	65.2%
9-1/2	0.018	0.46	0.087	2.21	0.200	0.221	68.3%
9-1/2	0.017	0.43	0.088	2.24	0.178	0.197	69.9%
9-1/2	0.016	0.41	0.089	2.26	0.157	0.174	71.5%
10	0.063	1.60	0.037	0.94	2.854	3.154	13.7%
10	0.054	1.37	0.046	1.17	2.015	2.227	21.2%
10	0.047	1.19	0.053	1.35	1.484	1.640	28.1%
10	0.041	1.04	0.059	1.50	1.163	1.285	34.8%
10	0.035	0.89	0.065	1.65	0.831	0.918	42.3%
10	0.032	0.81	0.068	1.73	0.688	0.760	46.2%
10	0.028	0.71	0.072	1.83	0.521	0.576	51.8%
10	0.025	0.64	0.075	1.91	0.412	0.455	56.3%
10	0.023	0.58	0.077	1.96	0.347	0.383	59.3%
10	0.02	0.51	0.080	2.03	0.261	0.288	64.0%
10	0.018	0.46	0.082	2.08	0.211	0.233	57.2%
10	0.017	0.43	0.083	2.11	0.188	0.208	68.9%
10	0.016	0.41	0.084	2.13	0.166	0.183	70.6%
10	0.015	0.38	0.085	2.16	0.146	0.161	72.3%
11	0.054	1.37	0.037	0.94	2.269	2.507	16.6%
11	0.047	1.19	0.044	1.12	1.663	1.838	23.4%
11	0.041	1.04	0.050	1.27	1.233	1.363	30.3%
11	0.035	0.89	0.056	1.42	0.924	1.021	37.9%
11	0.032	0.81	0.059	1.50	0.764	0.844	42.1%
11	0.028	0.71	0.063	1.60	0.578	0.639	48.0%
11	0.025	0.64	0.066	1.68	0.456	0.504	52.7%
11	0.023	0.58	0.068	1.73	0.384	0.424	56.0%
11	0.02	0.51	0.071	1.80	0.288	0.318	61.0%
11	0.018	0.46	0.073	1.85	0.233	0.257	64.5%
11	0.017	0.43	0.074	1.88	0.207	0.229	66.3%
11	0.016	0.41	0.075	1.91	0.183	0.202	68.1%
11	0.015	0.38	0.076	1.93	0.161	0.178	69.9%
12	0.047	1.194	0.036	0.91	1.851	2.046	18.7%
12	0.041	1.041	0.042	1.07	1.367	1.511	25.4%
12	0.035	0.889	0.048	1.22	1.021	1.128	33.2%
12	0.032	0.813	0.051	1.30	0.843	0.932	37.5%
12	0.028	0.711	0.055	1.40	0.635	0.702	43.6%
12	0.025	0.635	0.058	1.47	0.501	0.554	48.4%
12	0.023	0.584	0.060	1.52	0.422	0.466	51.8%
12	0.02	0.508	0.063	1.60	0.316	0.349	57.2%
12	0.018	0.457	0.065	1.65	0.255	0.282	60.8%
12	0.017	0.432	0.066	1.68	0.227	0.251	62.7%
12	0.016	0.406	0.067	1.70	0.200	0.221	64.5%
12	0.015	0.381	0.068	1.73	0.176	0.194	66.6%
12	0.014	0.356	0.069	1.75	0.153	0.169	68.6%
13	0.041	1.041	0.036	0.91	1.506	1.664	21.9%
13	0.035	0.889	0.042	1.07	1.064	1.176	29.8%
13	0.032	0.813	0.045	1.14	0.923	1.020	34.2%
13	0.028	0.711	0.049	1.25	0.694	0.767	40.6%
13	0.025	0.635	0.052	1.32	0.547	0.604	45.7%
13	0.023	0.584	0.054	1.37	0.459	0.507	49.3%
13	0.02	0.508	0.057	1.45	0.344	0.380	54.9%
13	0.018	0.457	0.059	1.50	0.277	0.306	58.8%
13	0.017	0.432	0.060	1.52	0.246	0.272	60.8%
13	0.016	0.406	0.061	1.55	0.218	0.241	62.9%
13	0.015	0.381	0.062	1.58	0.191	0.211	65.0%
13	0.014	0.356	0.063	1.60	0.166	0.183	67.1%
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SQUARE MESH WIRE CLOTH

Meshes per Linear Inch		Diameter of Wire		Width of Opening		Weight* Lbs. per Sq. Ft.		Open Area
		Dec. of Inch	Millimeter	Inches	Millimeter	Steel	Brass	
14		0.041	1.041	0.030	0.76	1.650	1.823	17.6%
14		0.035	0.889	0.036	0.91	1.161	1.283	25.4%
14		0.032	0.813	0.039	0.99	1.005	1.111	29.8%
14		0.028	0.711	0.043	1.09	0.755	0.834	36.2%
14		0.025	0.635	0.046	1.17	0.593	0.655	41.5%
14		0.023	0.584	0.048	1.22	0.498	0.550	45.2%
14		0.020	0.508	0.051	1.30	0.372	0.411	51.0%
14		0.018	0.457	0.053	1.35	0.299	0.330	55.1%
14		0.017	0.432	0.054	1.37	0.266	0.294	57.2%
14		0.016	0.406	0.055	1.40	0.235	0.260	59.3%
14		0.015	0.381	0.056	1.42	0.206	0.228	61.5%
14		0.014	0.356	0.057	1.45	0.179	0.198	63.7%
14		0.0135	0.343	0.0575	1.46	0.166	0.183	64.8%
14		0.013	0.330	0.058	1.47	0.154	0.170	65.9%
14		0.012	0.305	0.059	1.50	0.131	0.145	68.2%
14		0.011	0.279	0.060	1.52	0.110	0.122	70.6%
14		0.01	0.254	0.061	1.55	0.090	0.099	72.9%
15		0.041	1.041	0.026	0.66	1.800	1.989	15.2%
15		0.035	0.889	0.032	0.81	1.262	1.395	23.0%
15		0.032	0.813	0.035	0.89	1.032	1.145	27.6%
15		0.028	0.711	0.039	0.99	0.776	0.858	34.2%
15		0.025	0.635	0.042	1.07	0.641	0.708	39.7%
15		0.023	0.584	0.044	1.12	0.537	0.593	43.6%
15		0.02	0.508	0.047	1.19	0.401	0.443	49.7%
15		0.018	0.457	0.049	1.25	0.322	0.356	54.0%
15		0.017	0.432	0.050	1.27	0.286	0.316	56.3%
15		0.016	0.406	0.051	1.30	0.253	0.280	58.5%
15		0.015	0.381	0.052	1.32	0.221	0.244	60.8%
15		0.014	0.356	0.053	1.35	0.192	0.212	63.2%
15		0.0135	0.343	0.0535	1.36	0.179	0.198	64.4%
15		0.013	0.330	0.054	1.37	0.165	0.182	65.6%
15		0.012	0.305	0.055	1.40	0.141	0.156	68.1%
15		0.011	0.279	0.056	1.42	0.118	0.130	70.6%
15		.010	0.254	0.057	1.45	0.097	0.107	73.1%
16		0.041	1.041	0.0215	0.55	1.956	2.162	11.8%
16		0.035	0.889	0.0275	0.70	1.366	1.510	19.4%
16		0.032	0.813	0.0305	0.78	1.119	1.237	23.8%
16		0.028	0.711	0.0345	0.89	0.836	0.924	30.5%
16		0.025	0.635	0.0375	0.95	0.689	0.761	36.0%
16		0.023	0.584	0.0395	1.00	0.577	0.638	39.9%
16		0.02	0.508	0.0425	1.08	0.430	0.475	46.2%
16		0.018	0.457	0.0445	1.13	0.345	0.381	50.7%
16		0.017	0.432	0.0455	1.16	0.307	0.339	53.0%
16		0.016	0.406	0.0465	1.18	0.271	0.299	55.4%
16		0.015	0.381	0.0475	1.21	0.237	0.262	57.8%
16		0.014	0.356	0.0485	1.23	0.206	0.228	60.2%
16		0.0135	0.343	0.0490	1.25	0.191	0.211	61.5%
16		0.013	0.330	0.0495	1.26	0.177	0.196	62.7%
16		0.012	0.305	0.0505	1.28	0.150	0.166	65.3%
16		0.011	0.279	0.0515	1.31	0.126	0.139	67.9%
16		0.01	0.254	0.0525	1.33	0.104	0.115	70.6%
16		0.0095	0.241	0.0530	1.35	0.094	0.104	71.9%
18		0.035	0.889	0.0206	0.52	1.584	1.750	13.7%
18		0.032	0.813	0.0236	0.60	1.294	1.430	18.0%
18		0.028	0.711	0.0276	0.70	0.961	1.062	24.7%
18		0.025	0.635	0.0306	0.78	0.750	0.826	30.3%
18		0.023	0.584	0.0326	0.83	0.690	0.726	34.4%
18		0.02	0.508	0.0356	0.90	0.490	0.541	41.1%
18		0.018	0.457	0.0376	0.96	0.392	0.433	45.8%
18		0.017	0.432	0.0386	0.98	0.348	0.385	48.3%
18		0.016	0.406	0.0396	1.01	0.307	0.339	50.8%
18		0.015	0.381	0.0406	1.03	0.268	0.296	53.4%
18		0.014	0.356	0.0416	1.06	0.233	0.258	56.1%
18		0.0135	0.343	0.0421	1.07	0.216	0.239	57.4%
18		0.013	0.330	0.0426	1.08	0.200	0.221	58.8%
18		0.012	0.305	0.0436	1.11	0.170	0.188	61.6%

SQUARE MESH WIRE CLOTH

Meshes per Linear Inch	Diameter of Wire		Width of Opening		Weight* Lbs. per Sq. Ft.		Open Area
	Dec. of Inch	Millimeter	Inches	Millimeter	Steel	Brass	
18	0.011	0.279	0.0446	1.13	0.142	0.157	64.4%
18	0.01	0.254	0.0456	1.16	0.117	0.129	67.4%
18	0.0095	0.241	0.0461	1.17	0.105	0.116	68.9%
18	0.009	0.229	0.0466	1.18	0.095	0.105	70.4%
20	0.032	0.813	0.0180	0.46	1.479	1.634	13.0%
20	0.028	0.711	0.0220	0.56	1.093	1.208	19.4%
20	0.025	0.635	0.0250	0.64	0.850	0.939	25.0%
20	0.023	0.584	0.0270	0.69	0.708	0.782	29.2%
20	0.02	0.508	0.0300	0.76	0.552	0.610	36.0%
20	0.018	0.457	0.0320	0.81	0.441	0.487	41.0%
20	0.017	0.432	0.0330	0.84	0.391	0.432	43.6%
20	0.016	0.406	0.0340	0.86	0.344	0.380	46.2%
20	0.015	0.381	0.0350	0.89	0.301	0.333	49.0%
20	0.014	0.356	0.0360	0.91	0.261	0.288	51.8%
20	0.0135	0.343	0.0365	0.93	0.242	0.267	53.3%
20	0.013	0.330	0.0370	0.94	0.224	0.248	54.8%
20	0.012	0.305	0.0380	0.97	0.190	0.210	57.8%
20	0.011	0.279	0.0390	0.99	0.159	0.176	60.8%
20	0.01	0.254	0.0400	1.02	0.131	0.145	64.0%
20	0.0095	0.241	0.0405	1.03	0.118	0.130	65.6%
20	0.009	0.229	0.0410	1.04	0.105	0.116	67.2%
22	0.028	0.711	0.0175	0.45	1.232	1.361	14.8%
22	0.025	0.635	0.0205	0.52	0.954	1.054	20.3%
22	0.023	0.584	0.0225	0.57	0.793	0.876	24.5%
22	0.02	0.508	0.0255	0.65	0.585	0.646	31.5%
22	0.018	0.457	0.0275	0.70	0.491	0.543	36.6%
22	0.017	0.432	0.0285	0.72	0.435	0.481	39.3%
22	0.016	0.406	0.0295	0.75	0.382	0.422	42.1%
22	0.015	0.381	0.0305	0.78	0.334	0.369	45.0%
22	0.014	0.356	0.0315	0.80	0.289	0.319	48.0%
22	0.0135	0.343	0.0320	0.81	0.268	0.296	49.6%
22	0.013	0.330	0.0325	0.83	0.248	0.274	51.1%
22	0.012	0.305	0.0335	0.85	0.210	0.232	54.3%
22	0.011	0.279	0.0345	88.00	0.175	0.193	57.6%
22	0.01	0.254	0.0355	0.90	0.144	0.159	61.0%
22	0.0095	0.241	0.0360	0.91	0.130	0.144	62.7%
22	0.009	0.229	0.0365	0.93	0.116	0.128	64.5%
24	0.025	0.635	0.0167	0.42	1.064	1.176	16.1%
24	0.023	0.584	0.0187	0.48	0.882	0.975	20.1%
24	0.02	0.508	0.0217	0.55	0.648	0.716	27.1%
24	0.018	0.457	0.0237	0.60	0.515	0.569	32.4%
24	0.017	0.432	0.0247	0.63	0.480	0.530	35.1%
24	0.016	0.406	0.0257	0.65	0.421	0.465	38.0%
24	0.015	0.381	0.0267	0.68	0.367	0.406	41.1%
24	0.014	0.356	0.0277	0.70	0.318	0.351	44.2%
24	0.0135	0.343	0.0282	0.72	0.294	0.325	45.8%
24	0.013	0.330	0.0287	0.73	0.272	0.301	47.4%
24	0.012	0.305	0.0297	0.75	0.230	0.254	50.8%
24	0.011	0.279	0.0307	0.78	0.192	0.212	54.3%
24	0.01	0.254	0.0317	0.81	0.158	0.175	57.9%
24	0.0095	0.241	0.0322	0.82	0.142	0.157	59.7%
24	0.009	0.229	0.0327	0.83	0.127	0.140	61.6%
24	0.0085	0.216	0.0332	0.84	0.113	0.125	63.5%
24	0.008	0.203	0.0337	0.86	0.100	0.111	65.4%
24	0.0075	0.191	0.0342	0.87	0.088	0.097	67.4%
26	0.02	0.508	0.0185	0.47	0.713	0.788	23.1%
26	0.018	0.457	0.0205	0.52	0.566	0.625	28.4%
26	0.017	0.432	0.0215	0.55	0.526	0.581	31.2%
26	0.016	0.406	0.0225	0.57	0.461	0.509	34.2%
26	0.015	0.381	0.0235	0.60	0.402	0.444	37.3%
26	0.014	0.356	0.0245	0.62	0.347	0.383	40.6%
26	0.0135	0.343	0.0250	0.64	0.321	0.350	42.3%
26	0.013	0.330	0.0255	0.65	0.297	0.328	44.0%
26	0.012	0.305	0.0265	0.67	0.251	0.277	47.5%
26	0.011	0.279	0.0275	0.70	0.209	0.231	51.6%

SQUARE MESH WIRE CLOTH

Meshes per Linear Inch		Diameter of Wire		Width of Opening		Weight* Lbs. per Sq. Ft.		Open Area
		Dec. of Inch	Millimeter	Inches	Millimeter	Steel	Brass	
26		0.01	0.254	0.0285	0.72	0.172	0.190	54.9%
26		0.0095	0.241	0.0290	0.74	0.155	0.171	56.9%
26		0.009	0.229	0.0295	0.75	0.138	0.153	58.8%
26		0.0085	0.216	0.0300	0.76	0.123	0.136	60.8%
26		0.008	0.203	0.0305	0.78	0.109	0.120	62.9%
26		0.0075	0.191	0.0310	0.79	0.095	0.105	65.0%
28		0.018	0.457	0.0177	0.45	0.618	0.683	24.6%
28		0.017	0.432	0.0187	0.48	0.545	0.602	27.4%
28		0.016	0.406	0.0970	0.50	0.503	0.566	30.4%
28		0.015	0.381	0.0207	0.53	0.437	0.483	33.6%
28		0.014	0.356	0.0217	0.56	0.377	0.417	36.9%
28		0.0135	0.343	0.0222	0.56	0.349	0.386	38.6%
28		0.013	0.330	0.0227	0.58	0.322	0.356	40.4%
28		0.012	0.305	0.0237	0.60	0.272	0.301	44.0%
28		0.011	0.279	0.0247	0.63	0.227	0.251	47.8%
28		0.01	0.254	0.0257	0.65	0.186	0.206	51.8%
28		0.0095	0.241	0.0262	0.67	0.167	0.185	53.8%
28		0.009	0.229	0.0267	0.68	0.150	0.166	55.9%
28		0.0085	0.216	0.0272	0.69	0.133	0.147	58.0%
28		0.008	0.203	0.0277	0.70	0.118	0.130	60.2%
28		0.0075	0.191	0.0282	0.72	0.103	0.114	62.3%
30		0.017	0.432	0.0163	0.41	0.592	0.654	23.9%
30		0.016	0.406	0.0173	0.44	0.518	0.572	26.9%
30		0.015	0.381	0.0183	0.47	0.474	0.524	30.1%
30		0.014	0.356	0.0193	0.49	0.408	0.451	33.5%
30		0.0135	0.343	0.0198	0.50	0.378	0.418	35.3%
30		0.013	0.330	0.0203	0.52	0.348	0.385	37.1%
30		0.012	0.305	0.0213	0.54	0.394	0.325	40.8%
30		0.011	0.279	0.0223	0.57	0.245	0.271	44.8%
30		0.01	0.254	0.0233	0.59	0.020	0.221	48.9%
30		0.0095	0.241	0.0238	0.61	0.180	0.199	51.0%
30		0.009	0.229	0.0243	0.62	0.161	0.178	53.1%
30		0.0085	0.216	0.0248	0.63	0.143	0.158	55.4%
30		0.008	0.203	0.0253	0.64	0.126	0.139	57.6%
30		0.0075	0.191	0.0258	0.66	0.111	0.123	59.9%
32		0.016	0.406	0.0153	0.39	0.560	0.619	24.0%
32		0.015	0.381	0.0163	0.41	0.486	0.537	27.2%
32		0.014	0.356	0.0173	0.44	0.440	0.486	30.6%
32		0.0135	0.343	0.0178	0.45	0.407	0.450	32.4%
32		0.013	0.330	0.0183	0.47	0.375	0.414	34.3%
32		0.012	0.305	0.0193	0.49	0.316	0.349	38.1%
32		0.011	0.279	0.0203	0.52	0.263	0.291	42.2%
32		0.01	0.254	0.0213	0.54	0.215	0.238	46.5%
32		0.0095	0.241	0.0218	0.55	0.193	0.213	48.7%
32		0.009	0.229	0.0223	0.57	0.130	0.191	50.9%
32		0.0085	0.216	0.0228	0.58	0.153	0.169	53.2%
32		0.008	0.203	0.0233	0.59	0.135	0.149	55.6%
32		0.0075	0.191	0.0238	0.61	0.118	0.130	58.0%
32		0.007	0.178	0.0243	0.62	0.103	0.114	60.5%
35		0.016	0.406	0.0126	0.32	0.624	0.690	19.4%
35		0.015	0.381	0.0136	0.35	0.541	0.598	22.7%
35		0.014	0.356	0.0146	0.37	0.465	0.514	26.1%
35		0.0135	0.343	0.0151	0.38	0.452	0.500	27.9%
35		0.013	0.330	0.0156	0.40	0.416	0.460	29.8%
35		0.012	0.305	0.0166	0.42	0.350	0.387	33.8%
35		0.011	0.279	0.0176	0.45	0.290	0.320	37.9%
35		0.01	0.254	0.0186	0.47	0.237	0.262	42.4%
35		0.0095	0.241	0.0191	0.49	0.213	0.234	44.7%
35		0.009	0.229	0.0196	0.50	0.190	0.210	47.1%
35		0.0085	0.216	0.0201	0.51	0.169	0.187	49.5%
35		0.008	0.203	0.0206	0.52	0.149	0.165	52.0%
35		0.0075	0.191	0.0211	0.54	0.130	0.144	54.5%
35		0.007	0.178	0.0216	0.55	0.113	0.125	57.2%
38		0.014	0.356	0.0123	0.31	0.513	0.567	21.8%

SQUARE MESH WIRE CLOTH

Meshes per Linear Inch	Diameter of Wire		Width of Opening		Weight* Lbs. per Sq. Ft.		Open Area
	Dec. of Inch	Millimeter	Inches	Millimeter	Steel	Brass	
38	0.013	0.330	0.0133	0.34	0.436	0.482	25.5%
38	0.012	0.305	0.0143	0.36	0.385	0.425	29.5%
38	0.011	0.279	0.0153	0.39	0.319	0.353	33.8%
38	0.01	0.254	0.0163	0.41	0.260	0.287	38.4%
38	0.0095	0.241	0.0168	0.43	0.233	0.257	40.8%
38	0.009	0.229	0.0173	0.44	0.208	0.230	43.2%
38	0.0085	0.216	0.0178	0.45	0.185	0.204	45.8%
38	0.008	0.203	0.0183	0.47	0.163	0.180	48.4%
38	0.0075	0.191	0.0188	0.48	0.142	0.157	51.0%
38	0.007	0.178	0.0193	0.49	0.123	0.136	53.8%
40	0.0135	0.343	0.0115	0.29	0.530	0.586	21.2%
40	0.013	0.330	0.0120	0.31	0.488	0.539	23.0%
40	0.012	0.305	0.0130	0.33	0.409	0.425	27.0%
40	0.011	0.279	0.0140	0.36	0.338	0.374	31.4%
40	0.01	0.254	0.0150	0.38	0.276	0.305	36.0%
40	0.0095	0.241	0.0155	0.39	0.247	0.273	38.4%
40	0.009	0.229	0.0160	0.41	0.220	0.243	41.0%
40	0.0085	0.216	0.0165	0.42	0.195	0.215	43.6%
40	0.008	0.203	0.0170	0.43	0.172	0.190	46.2%
40	0.0075	0.191	0.0175	0.45	0.150	0.166	49.0%
40	0.007	0.178	0.0180	0.46	0.130	0.144	51.8%
42	0.0135	0.343	0.0103	0.26	0.535	0.591	18.7%
42	0.013	0.330	0.0108	0.27	0.518	0.572	20.6%
42	0.012	0.305	0.0118	0.30	0.434	0.480	24.6%
42	0.011	0.279	0.0128	0.33	0.358	0.396	28.9%
42	0.01	0.254	0.0138	0.35	0.292	0.323	33.6%
42	0.0095	0.241	0.0143	0.36	0.261	0.288	36.1%
42	0.009	0.229	0.0148	0.38	0.233	0.257	38.6%
45	0.013	0.330	0.0092	0.23	0.536	0.592	17.1%
45	0.012	0.305	0.0102	0.26	0.448	0.495	21.1%
45	0.011	0.279	0.0112	0.28	0.369	0.408	25.4%
45	0.01	0.254	0.0122	0.31	0.316	0.349	30.1%
45	0.0095	0.241	0.0127	0.32	0.283	0.313	32.7%
45	0.009	0.229	0.0132	0.34	0.252	0.278	35.3%
45	0.0085	0.216	0.0137	0.35	0.223	0.246	38.0%
45	0.008	0.203	0.0142	0.36	0.196	0.217	40.8%
45	0.0075	0.191	0.0147	0.37	0.171	0.189	43.8%
50	0.012	0.305	0.0080	0.20	0.511	0.565	16.0%
50	0.011	0.279	0.0090	0.23	0.420	0.464	20.3%
50	0.01	0.254	0.0100	0.25	0.340	0.379	25.0%
50	0.0095	0.241	0.0105	0.27	0.320	0.354	27.6%
50	0.009	0.229	0.0110	0.28	0.284	0.314	30.3%
50	0.0085	0.216	0.0115	0.29	0.251	0.277	33.1%
50	0.008	0.203	0.0120	0.31	0.221	0.244	36.0%
50	0.0075	0.191	0.0125	0.32	0.192	0.212	39.1%
55	0.011	0.279	0.0072	0.18	0.473	0.523	15.7%
55	0.01	0.254	0.0082	0.21	0.382	0.422	20.3%
55	0.0095	0.241	0.0087	0.22	0.340	0.376	22.9%
55	0.009	0.229	0.0092	0.23	0.302	0.334	25.6%
55	0.0085	0.216	0.0097	0.25	0.281	0.311	28.5%
55	0.008	0.203	0.0102	0.26	0.246	0.272	31.5%
55	0.0075	0.191	0.0107	0.27	0.214	0.236	34.6%
55	0.007	0.178	0.0112	0.28	0.185	0.204	37.9%
60	0.011	0.279	0.0057	0.15	0.529	0.585	11.7%
60	0.01	0.254	0.0067	0.17	0.426	0.471	16.2%
60	0.0095	0.241	0.0072	0.18	0.379	0.419	18.7%
60	0.009	0.229	0.0077	0.20	0.335	0.370	21.3%
60	0.0085	0.216	0.0082	0.21	0.296	0.327	24.2%
60	0.008	0.203	0.0087	0.22	0.273	0.302	27.2%
60	0.0075	0.191	0.0092	0.23	0.237	0.262	30.5%
60	0.007	0.178	0.0097	0.25	0.204	0.225	33.9%
60	0.0065	0.165	0.0102	0.26	0.174	0.192	37.5%
60	0.006	0.152	0.0107	0.27	0.147	0.162	41.2%

SQUARE MESH WIRE CLOTH

Meshes per Linear Inch		Diameter of Wire		Width of Opening		Weight* Lbs. per Sq. Ft.		Open Area
		Dec. of Inch	Millimeter	Inches	Millimeter	Steel	Brass	
60		0.006	0.152	0.0107	0.27	0.147	0.162	41.2%
65		0.0075	0.191	0.0079	0.20	0.260	0.287	26.4%
65		0.007	0.178	0.0084	0.21	0.224	0.248	29.8%
65		0.0065	0.165	0.0089	0.23	0.191	0.211	33.5%
70		0.009	0.229	0.0053	0.14	0.407	0.450	13.8%
70		0.0085	0.216	0.0058	0.15	0.358	0.396	16.5%
70		0.008	0.203	0.0063	0.16	0.313	0.346	19.4%
70		0.0075	0.191	0.0068	0.17	0.271	0.299	22.7%
70		0.007	0.178	0.0072	0.19	0.233	0.257	26.1%
70		0.0065	0.165	0.0078	0.20	0.208	0.230	29.8%
70		0.006	0.152	0.0083	0.21	0.175	0.193	33.8%
75		0.007	0.178	0.0063	0.16	0.253	0.280	22.3%
75		0.0065	0.165	0.0068	0.17	0.226	0.250	26.0%
75		0.006	0.150	0.0073	0.19	0.190	0.210	30.0%
80		0.0075	0.191	0.0050	0.13	0.319	0.353	16.0%
80		0.007	0.178	0.0006	0.14	0.274	0.303	19.4%
80		0.0065	0.165	0.0060	0.15	0.232	0.256	23.0%
80		0.006	0.152	0.0065	0.17	0.204	0.225	27.0%
80		0.0055	0.140	0.0070	0.18	0.169	0.187	31.4%
80		0.005	0.127	0.0075	0.19	0.138	0.153	36.0%
90		0.006	0.152	0.0051	0.13	0.244	0.248	21.1%
90		0.0055	0.140	0.0056	0.14	0.184	0.203	25.4%
90		0.005	0.127	0.0061	0.16	0.158	0.175	30.1%
100		0.005	0.127	0.0050	0.13	0.170	0.180	25.0%
100		0.0045	0.114	0.0055	0.14	0.142	0.157	30.3%
100		0.004	0.102	0.0060	0.15	0.110	0.122	36.0%
100		0.0035	0.089	0.0065	0.17	0.083	0.092	42.3%
100		0.003	0.076	0.0070	0.18	0.060	0.066	49.0%

FINE WIRE CLOTH

Mesh	Diameter of Wire (in.)	Width of Opening		Weight Per 100 Sq. Ft.	Open Area
		Inch	Millimeter		
100	0.0045	0.0055	0.1397	16.2	30.30%
110	0.004	0.0051	0.1295	13.9	31.40%
120	0.0037	0.0046	0.1168	13	30.70%
130	0.0034	0.0043	0.1092	11.9	31.10%
140	0.0029	0.0042	0.1067	9.3	34.90%
150	0.0026	0.0041	0.1041	8	37.40%
160	0.0025	0.0038	0.0965	7.9	36.40%
170	0.0024	0.0035	0.0889	7.7	35.10%
180	0.0023	0.0033	0.0838	7.5	34.70%
200	0.0021	0.0029	0.0737	7	33.60%
220	0.0017	0.0028	0.0711	5	38.70%
240	0.0016	0.0026	0.066	4.7	38.30%
250	0.0016	0.0024	0.061	5.1	36.00%
TWILLED					
110	0.0045	0.0046	0.1168	17.2	25.60%
120	0.004	0.0043	0.1092	14.8	26.80%
130	0.0038	0.0039	0.0991	14.5	25.60%
140	0.0033	0.0038	0.0965	11.8	28.60%
150	0.003	0.0037	0.094	10.4	30.40%
160	0.0028	0.0035	0.0889	9.6	30.80%
170	0.0026	0.0033	0.0838	8.8	31.20%
180	0.0025	0.0031	0.0787	8.6	30.60%
200	0.0023	0.0027	0.0686	8.1	29.10%
230	0.0018	0.00255	0.0647	5.8	34.30%
250	0.0016	0.0024	0.061	4.9	36.00%
270	0.0016	0.0021	0.0533	5.3	32.20%
300	0.0015	0.0018	0.0457	5.2	29.70%
325	0.0014	0.0017	0.0432	4.9	30.00%
400	0.001	0.0015	0.0381	3.7	36.00%

MARKET GRADE SPECIFICATIONS

Mesh	Diameter of Wire (in.)	Width of Opening		Open Area
		Inch	Millimeter	
2	0.063	0.437	11.1	76.40%
3	0.054	0.279	7.087	70.10%
4	0.047	0.203	5.166	65.90%
5	0.041	0.159	4.04	63.20%
6	0.035	0.132	3.353	62.70%
8	0.028	0.097	2.464	60.20%
10	0.025	0.075	1.91	56.30%
12	0.023	0.06	1.524	51.80%
14	0.02	0.051	1.29	51.00%
16	0.018	0.0445	1.13	50.70%
18	0.017	0.0386	0.98	48.30%
20	0.016	0.034	0.864	46.20%
22	0.015	0.0305	0.775	43.60%
24	0.015	0.0267	0.678	41.10%
30	0.0135	0.0198	0.503	35.30%
35	0.011	0.0176	0.447	37.90%
40	0.01	0.015	0.381	36.00%
45	0.0095	0.0127	0.323	32.70%
50	0.009	0.011	0.279	30.30%
60	0.008	0.0087	0.222	27.20%
70	0.007	0.0073	0.185	26.10%
80	0.0055	0.007	0.178	31.40%
90	0.005	0.0061	0.155	30.10%
100	0.0045	0.0055	0.14	30.30%
110	0.004	0.0051	0.129	31.40%

MILL GRADE SPECIFICATIONS

Mesh per Linear Inch	Diameter of Wire (Dec. of In.)	Width of Opening		Open Area
		Inch	Millimeter	
2	0.054	0.446	11.33	79.60%
3	0.041	0.292	7.42	76.70%
4	0.035	0.215	5.46	74.00%
5	0.032	0.168	4.27	70.60%
6	0.028	0.139	3.53	69.60%
7	0.028	0.115	2.92	64.80%
8	0.025	0.1	2.54	64.00%
9	0.023	0.088	2.24	62.70%
10	0.02	0.08	2.03	64.00%
12	0.018	0.065	1.65	60.80%
14	0.017	0.054	1.37	57.20%
16	0.016	0.0465	1.18	55.40%
18	0.015	0.0406	1.03	53.40%
20	0.014	0.036	0.91	51.80%
22	0.0135	0.032	0.81	49.60%
24	0.013	0.0287	0.73	47.40%
26	0.011	0.0275	0.7	51.10%
28	0.01	0.0257	0.65	51.80%
30	0.0095	0.0238	0.61	51.00%
32	0.009	0.0223	0.57	50.90%
34	0.009	0.0204	0.52	48.10%
36	0.009	0.0188	0.48	45.80%
38	0.0085	0.0178	0.45	45.80%
40	0.0085	0.0165	0.42	43.60%
45	0.008	0.0142	0.36	40.80%
50	0.0075	0.0125	0.32	39.10%
55	0.007	0.0112	0.28	37.90%
60	0.0065	0.0102	0.26	37.50%

BOLTING CLOTH SPECIFICATIONS

Mesh	Opening		Wire Diameter		Open Area
	Inch	Millimeter	Inch	Millimeter	
16	0.0535	1.359	0.009	0.229	73.30%
18	0.0466	1.184	0.009	0.229	70.20%
20	0.041	1.041	0.009	0.229	67.20%
22	0.38	0.965	0.0075	0.191	69.70%
24	0.0342	0.869	0.0075	0.191	67.20%
26	0.031	0.787	0.0075	0.191	64.80%
28	0.0282	0.716	0.0075	0.191	62.40%
30	0.0263	0.681	0.0065	0.165	64.80%
32	0.0248	0.63	0.0065	0.165	62.70%
34	0.0229	0.582	0.0065	0.165	60.70%
36	0.0213	0.541	0.0065	0.165	58.70%
38	0.0198	0.503	0.0065	0.165	56.70%
40	0.0185	0.47	0.0065	0.165	54.80%
43	0.0183	0.465	0.005	0.127	61.60%
46	0.0172	0.437	0.0045	0.114	62.90%
48	0.0163	0.414	0.0045	0.114	61.50%
50	0.0155	0.394	0.0045	0.114	60.10%
54	0.0145	0.368	0.004	0.102	61.50%
56	0.0138	0.351	0.004	0.102	60.20%
58	0.0132	0.335	0.004	0.102	59.00%
60	0.0127	0.323	0.004	0.102	57.80%
62	0.0121	0.307	0.004	0.102	56.50%
66	0.0112	0.285	0.004	0.102	54.20%
70	0.0106	0.269	0.0037	0.094	54.90%
72	0.0102	0.259	0.0037	0.094	53.80%
74	0.0098	0.249	0.0037	0.094	52.70%
76	0.0095	0.241	0.0037	0.094	51.70%
78	0.0091	0.231	0.0037	0.094	50.60%
80	0.0088	0.224	0.0037	0.094	49.60%
84	0.0084	0.213	0.0035	0.089	49.80%
88	0.0079	0.201	0.0035	0.089	47.90%
94	0.0071	0.18	0.0035	0.089	45.00%
105	0.0065	0.165	0.003	0.076	46.90%
120	0.0057	0.145	0.0026	0.066	47.30%
135	0.0051	0.129	0.0023	0.058	45.00%
145	0.0047	0.119	0.0022	0.056	46.90%
165	0.0042	0.107	0.0019	0.048	47.10%
200	0.0034	0.086	0.0016	0.041	46.20%
230	0.0029	0.074	0.0014	0.036	46.00%

ABOUT W.S. TYLER®

OUR STORY

Founded in 1872, W.S. Tyler quickly established itself as a pioneer in the engineering and production of woven wire and mesh materials. For over 140 years, we have been committed to maintaining that standard of excellence. Today, W.S. Tyler is partnered with German multinational Haver & Boecker, solidifying our place as one of the world's leading manufacturers of wire cloth and mesh materials.

Our combination of innovation and tradition allows us to meet and exceed the high expectations of our customers. With a wealth of experience, relentless research and development, and a passion for precision, W.S. Tyler remains well-positioned to continue its vision into the future.

Our particle analysis division is a product of that vision.

Precision is an essential component in most industrial manufacturing and machining processes. In these cases, a careful analysis of materials and substances is critical to achieving the best results. Based on our extensive expertise and experience, W.S. Tyler protects your investment and provides innovative systems for particle analysis. Whether it's natural minerals, construction materials, foodstuffs, recyclables, chemicals, plastics, or varnishes, paints, and special coatings, our systems deliver accurate analysis and improved quality assurance.

W.S. Tyler is certified in accordance with ISO 9001:2015 and, as the world's largest manufacturer of test sieves, is a member of the ASTM E11 Standard Committee. Given our position as a pioneer, our customers in various industries and research and development divisions have the confidence and peace of mind that our test sieves – like all of our products – are manufactured to meet the most stringent technical requirements, from the choice of wire grade to the performance of the finished products. With our combined suite of services, W.S. Tyler is an efficient, full-service partner for all of your particle analysis needs.

ABOUT W.S. TYLER®

WHO WE ARE

While remaining true to our roots, the heritage of W.S. Tyler is important to us. Everything we do is in honor of who we have always been.

Obsessed with Precision!

GET IN TOUCH

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