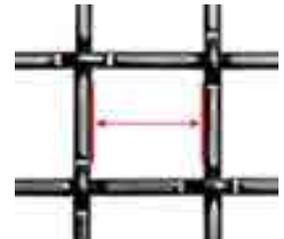


Square Opening Space Cloth Table (Space or Clear Opening)

Wire space cloth is pre-crimped wire cloth known for its extremely accurate openings and its weave that is substantially tighter than plain weave. Space cloth wire mesh derives its name from the openings between the wires that are referred to as "spaces." As such, a wire space cloth listed as 3/8-inch space, .063 wire means the wires are 3/8" apart and measure .063" in diameter.

Typically used for screening, sizing and separating. Open area percent and weight are important considerations for many wire cloth uses so the tables below contain the open area percent and weight for some common square opening space cloth weaves listed by mesh size and wire diameter.



Square Mesh

Wire Diameter	Weight LBS/SF	Open Area
4" x 4" OPENING		
1.000"	13.06	64. %
0.750"	7.68	70.9%
0.688"	6.53	72.8%
0.625"	5.46	74.8%
0.563"	4.47	76.9%
0.500"	3.58	79. %
0.438"	2.77	81.3%
0.375"	2.07	83.6%
0.313"	1.45	86. %
0.283"	1.20	87.2%
0.263"	1.04	88. %
0.250"	0.94	88.6%
3-1/2" x 3-1/2" OPENING		
1.000"	14.57	60.5%
0.750"	8.60	67.8%
0.688"	7.32	69.9%
0.625"	6.13	72. %
0.563"	5.03	74.3%
0.500"	4.03	76.6%
0.438"	3.13	79. %
0.375"	2.33	81.6%
0.313"	1.65	84.3%
0.283"	1.36	85.6%
0.263"	1.18	86.5%
0.250"	1.07	87.1%
0.225"	.87	88.3%
0.207"	.74	89.1%
3" x 3" OPENING		
1.000"	16.50	56.3%
0.750"	9.79	64. %
0.688"	8.35	66.2%
0.625"	7.00	68.5%
0.563"	5.76	70.9%
0.500"	4.62	73.5%
0.438"	3.59	76.2%
0.375"	2.68	79. %
0.313"	1.90	82. %

Wire Diameter	Weight LBS/SF	Open Area
3" x 3" OPENING (CONTINUED)		
0.283"	1.57	83.5%
0.263"	1.36	84.5%
0.250"	1.23	85.2%
0.225"	1.01	86.5%
0.207"	0.86	87.5%
0.192"	0.74	88.3%
0.177"	0.63	89.2%
0.162"	0.53	90. %
2-1/2" x 2-1/2" OPENING		
1.000"	19.02	51. %
0.750"	11.37	59.2%
0.688"	9.71	61.5%
0.625"	8.16	64. %
0.563"	6.72	66.6%
0.500"	5.41	69.4%
0.438"	4.22	72.4%
0.375"	3.16	75.6%
0.313"	2.24	79. %
0.283"	1.85	80.7%
0.263"	1.61	81.9%
0.250"	1.46	82.6%
0.225"	1.19	84.2%
0.207"	1.02	85.3%
0.192"	0.88	86.2%
0.177"	0.75	87.2%
0.162"	0.63	88.2%
0.148"	0.53	89.1%
2-1/4" x 2-1/4" OPENING		
1.000"	20.61	47.9%
0.750"	12.37	56.2%
0.688"	10.58	58.7%
0.625"	8.90	61.2%
0.563"	7.34	64. %
0.500"	5.91	66.9%
0.438"	4.62	70.1%
0.375"	3.46	73.4%
0.375"	2.46	77.1%

Wire Diameter	Weight LBS/SF	Open Area
2-1/4" x 2-1/4" OPENING (CONTINUED)		
0.283"	2.04	78.9%
0.263"	1.77	80.2%
0.250"	1.61	81. %
0.225"	1.31	82.6%
0.207"	1.12	83.9%
0.192"	0.97	84.9%
0.177"	0.83	85.9%
0.162"	0.70	87. %
0.148"	0.59	88. %
0.135"	0.49	89. %
2" x 2" OPENING		
1.000"	22.49	44.4%
0.750"	13.57	52.9%
0.688"	11.62	55.4%
0.625"	9.79	58. %
0.563"	8.09	60.9%
0.500"	6.53	64. %
0.438"	5.11	67.3%
0.375"	3.84	70.9%
0.313"	2.73	74.8%
0.283"	2.26	76.7%
0.263"	1.97	78.1%
0.250"	1.79	79. %
0.225"	1.46	80.8%
0.207"	1.25	82.1%
0.192"	1.08	83.2%
0.177"	0.92	84.4%
0.162"	0.78	85.6%
0.148"	0.65	86.7%
0.135"	0.55	87.8%
0.120"	0.44	89. %
1-3/4" x 1-3/4" OPENING		
1.000"	24.76	40.5%
0.750"	15.03	49. %
0.688"	12.90	51.6%
0.625"	10.88	54.3%
0.563"	9.01	57.3%

Wire Diameter	Weight LBS/SF	Open Area
2" x 2" OPENING (CONTINUED)		
0.500"	7.29	60.5%
0.438"	5.71	64. %
0.375"	4.30	67.8%
0.313"	3.07	71.9%
0.283"	2.55	74.1%
0.263"	2.22	75.6%
0.250"	2.02	76.6%
0.225"	1.65	78.5%
0.207"	1.41	80. %
0.192"	1.22	81.2%
0.177"	1.04	82.5%
0.162"	0.88	83.8%
0.148"	0.74	85. %
0.135"	0.62	86.2%
0.120"	0.49	87.6%
1-1/2" x 1-1/2" OPENING		
1.000"	27.57	36. %
0.750"	16.86	44.4%
0.688"	14.50	47. %
0.625"	12.27	49.8%
0.563"	10.18	52.8%
0.500"	8.25	56.3%
0.438"	6.48	59.9%
0.375"	4.90	64. %
0.313"	3.50	68.5%
0.283"	2.91	70.8%
0.263"	2.54	72.4%
0.250"	2.31	73.4%
0.225"	1.89	75.6%
0.207"	1.62	77.2%
0.192"	1.40	78.6%
0.177"	1.20	80. %
0.162"	1.02	81.5%
0.148"	0.85	82.8%
0.135"	0.72	84.2%
0.120"	0.57	85.7%

Square Opening Space Cloth Table (Space or Clear Opening)

Wire Diameter	Weight LBS/SF	Open Area
1-1/4" X 1-1/4" OPENING		
0.750"	19.22	39.1%
0.688"	16.57	41.6%
0.625"	14.06	44.4%
0.563"	11.70	47.5%
0.500"	9.51	51.%
0.438"	7.50	54.8%
0.375"	5.69	59.2%
0.313"	4.08	64.%
0.283"	3.40	66.5%
0.263"	2.97	68.3%
0.250"	2.70	69.4%
0.225"	2.22	71.8%
0.207"	1.90	73.6%
0.192"	1.65	75.1%
0.177"	1.42	76.7%
0.162"	1.20	78.4%
0.148"	1.01	79.9%
0.135"	0.85	81.5%
0.120"	0.68	83.2%
0.105"	0.52	85.1%
1" x 1" OPENING		
0.750"	22.38	32.6%
0.688"	19.37	35.1%
0.625"	16.49	37.9%
0.563"	13.78	41.%
0.500"	11.25	44.4%
0.438"	8.91	48.4%
0.375"	6.79	52.9%
0.313"	4.90	58.%
0.283"	4.09	60.8%
0.263"	3.58	62.7%
0.250"	3.26	64.%
0.225"	2.69	66.6%
0.207"	2.31	68.6%
0.192"	2.01	70.4%
0.177"	1.72	72.2%
0.162"	1.46	74.%
0.148"	1.23	75.9%
0.135"	1.04	77.6%
0.120"	0.83	79.7%
0.105"	0.64	81.9%
0.092"	0.50	83.9%
0.080"	0.38	85.7%
7/8" x 7/8" OPENING		
0.625"	18.06	34.%
0.563"	15.13	37.%
0.500"	12.38	40.5%

Wire Diameter	Weight LBS/SF	Open Area
7/8" x 7/8" OPENING (CONTINUED)		
0.438	9.84	44.4%
0.375	7.52	49.%
0.313	5.44	54.3%
0.283	4.55	57.1%
0.263	3.99	59.1%
0.250	3.64	60.5%
0.225	3.01	63.3%
0.207	2.58	65.3%
0.192	2.25	67.2%
0.177	1.93	69.2%
0.162	1.64	71.2%
0.148	1.38	73.5%
0.135	1.17	75.1%
0.120	0.93	77.3%
0.105	0.72	79.7%
0.092	0.56	81.9%
0.080	0.43	83.9%
3/4" x 3/4" OPENING		
0.625	19.98	29.7%
0.563	16.79	32.6%
0.500	13.79	36.%
0.438	11.00	39.9%
0.375	8.44	44.4%
0.313	6.13	49.8%
0.283	5.15	52.7%
0.263	4.52	54.8%
0.250	4.12	56.3%
0.225	3.41	59.2%
0.207	2.93	61.4%
0.192	2.56	63.4%
0.177	2.20	65.5%
0.162	1.87	67.6%
0.148	1.58	69.8%
0.135	1.33	71.8%
0.120	1.07	74.3%
0.105	0.83	76.9%
0.092	0.65	79.3%
0.080	0.50	81.7%
5/8" x 5/8" OPENING		
0.563	18.87	27.7%
0.500	15.57	30.9%
0.438	12.47	34.6%
0.375	9.61	39.1%
0.313	7.03	44.4%
0.283	5.91	47.4%
0.263	5.20	49.5%
0.250	4.76	51.%

Wire Diameter	Weight LBS/SF	Open Area
5/8" x 5/8" OPENING (CONTINUED)		
0.225	3.94	54.%
0.207	3.40	56.4%
0.192	2.97	58.5%
0.177	2.58	60.7%
0.162	2.18	63.1%
0.148	1.85	65.4%
0.135	1.56	67.6%
0.120	1.25	70.3%
0.105	0.98	73.4%
0.092	0.76	76.%
0.080	0.58	78.6%
0.072	0.48	80.4%
0.063	0.37	82.5%
1/2" x 1/2" OPENING		
0.500	16.96	25.%
0.438	14.42	28.4%
0.375	11.19	32.7%
0.313	8.24	37.9%
0.283	6.96	40.8%
0.263	6.14	42.9%
0.250	5.62	44.4%
0.225	4.68	47.5%
0.207	4.04	49.8%
0.192	3.54	52.2%
0.177	3.06	54.5%
0.162	2.61	57.1%
0.148	2.22	59.5%
0.135	1.88	62.%
0.120	1.51	65.%
0.105	1.18	68.3%
0.092	0.93	71.3%
0.080	0.71	74.3%
0.072	0.58	76.4%
0.063	0.45	78.9%
3/8" x 3/8" OPENING		
0.375	13.20	25.%
0.313	9.99	29.7%
0.283	8.48	32.5%
0.263	7.51	34.5%
0.250	6.89	36.%
0.225	5.77	39.%
0.207	5.00	41.5%
0.192	4.39	43.8%
0.177	3.82	46.1%
0.162	3.27	48.7%
0.148	2.79	51.4%
0.135	2.37	54.1%

Wire Diameter	Weight LBS/SF	Open Area
3/8" x 3/8" OPENING (CONTINUED)		
0.120	1.92	57.4%
0.105	1.51	61.%
0.092	1.18	64.5%
0.080	0.91	67.9%
0.072	0.75	70.4%
0.063	0.59	73.3%
0.054	0.44	76.4%
5/16" x 5/16" OPENING		
0.263	8.46	29.5%
0.250	7.78	30.9%
0.225	6.53	33.8%
0.207	5.68	36.2%
0.192	5.00	38.4%
0.177	4.36	40.8%
0.162	3.74	43.4%
0.148	3.20	46.%
0.135	2.72	48.8%
0.120	2.21	52.2%
0.105	1.74	46.%
0.092	1.37	59.6%
0.080	1.07	63.4%
0.072	0.88	66.1%
0.063	0.69	69.3%
0.054	0.51	72.7%
1/4" x 1/4" OPENING		
0.250	8.95	25.%
0.225	7.55	27.7%
0.207	6.59	29.9%
0.192	5.82	32.%
0.177	5.08	34.3%
0.162	4.38	36.8%
0.148	3.76	39.4%
0.135	3.21	42.2%
0.120	2.62	45.6%
0.105	2.07	49.6%
0.092	1.64	53.4%
0.080	1.28	57.4%
0.072	1.06	60.3%
0.063	0.83	63.8%
0.054	0.62	67.6%
0.047	0.48	70.9%

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