Woven Wire Cloth
SPECIFICATIONS and TECHNICAL INFORMATION

CLEVELAND WIRE CLOTH

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Square Opening Space Cloth

• Space or Clear Opening

4" (101.6 mm)

Diameter of Wire inch	Diameter of Wire mm	Open Area Percent (%)	Weight (Stainless Steel) 1 sq. foot (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
1.00	25.40	64.0	13.19	64.39
.750	19.05	70.9	7.76	37.86
.6875	17.463	72.8	6.59	32.19
.625	15.875	74.8	5.51	26.92
.5625	14.288	76.9	4.51	22.04
.500	12.70	79.0	3.62	17.65
.4375	11.113	81.3	2.80	13.66
.375	9.525	83.6	2.09	10.21
.3125	7.938	86.0	1.46	7.15
.283	7.188	87.2	1.21	5.92
.263	6.68	88.0	1.05	5.13
.250	6.350	88.6	.95	4.63

3-3/4" (95.25 mm)

Diameter of Wire inch	Diameter of Wire mm	Open Area Percent (%)	Weight (Stainless Steel) 1 sq. foot (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
1.00	25.40	62.3	13.90	67.89
.750	19.05	69.4	8.19	39.98
.6875	17.463	71.4	6.97	34.02
.625	15.875	73.5	5.83	28.45
.5625	14.288	75.7	4.79	23.37
.500	12.70	77.9	3.83	18.69
.4375	11.113	80.2	2.97	14.49
.375	9.525	82.6	2.21	10.80
.3125	7.938	85.2	1.56	7.59
.283	7.188	86.5	1.28	6.26
.263	6.68	87.3	1.12	5.47
.250	6.350	87.9	1.01	4.93

3-1/2" (88.9 mm)

Diameter of Wire inch	Diameter of Wire mm	Open Area Percent (%)	Weight (Stainless Steel) 1 sq. foot (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
1.00	25.40	60.5	14.71	71.83
.750	19.05	67.8	8.68	42.40
.6875	17.463	69.9	7.39	36.09
.625	15.875	72.0	6.19	30.22
.5625	14.288	74.2	5.08	24.80
.500	12.70	76.6	4.07	19.87
.4375	11.113	79.0	3.16	15.43
.375	9.525	81.6	2.35	11.49
.3125	7.938	84.3	1.67	8.13
.283	7.188	85.6	1.37	6.71
.263	6.68	86.5	1.19	5.82
.250	6.35	87.1	1.08	5.28
.225	5.715	88.3	.88	4.29
.207	5.258	89.1	.75	3.65

3-1/4" (82.55 mm)

Diameter of Wire inch	Diameter of Wire mm	Open Area Percent (%)	Weight (Stainless Steel) 1sq. foot (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
1.00	25.40	58.5	15.77	77.01
.750	19.05	66.0	9.34	45.61
.6875	17.463	68.1	7.96	38.85
.625	15.875	70.3	6.66	32.54
.5625	14.288	72.7	5.47	26.72
.500	12.70	75.1	4.39	21.45
.4375	11.113	77.7	3.41	16.66
.375	9.525	80.4	2.54	12.42
.3125	7.938	83.2	1.80	8.78
.283	7.188	84.6	1.48	7.25
.263	6.68	85.6	1.28	6.26
.250	6.350	86.2	1.17	5.72
.225	5.715	87.5	.95	4.63
.207	5.258	88.4	.81	3.94
.192	4.877	89.2	.70	3.40

3" (76.2 mm)

Diameter of Wire inch	Diameter of Wire mm	Open Area Percent (%)	Weight (Stainless Steel) 1 sq. foot (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
1.00	25.40	56.3	16.66	81.35
.750	19.05	64.0	9.89	48.27
.6875	17.463	66.2	8.43	41.17
.625	15.875	68.5	7.07	34.51
.5625	14.288	70.9	5.82	28.40
.500	12.70	73.5	4.67	22.78
.4375	11.113	76.2	3.63	17.70
.375	9.525	79.0	2.71	13.21
.3125	7.938	82.0	1.92	9.37
.283	7.188	83.5	1.59	7.74
.263	6.68	84.5	1.37	6.71
.250	6.350	85.2	1.24	6.06
.225	5.715	86.5	1.02	4.98
.207	5.258	87.5	.87	4.24
.192	4.877	88.3	.75	3.65
.177	4.496	89.2	.64	3.11
.162	4.115	90.0	.54	2.61

2-3/4" (69.85 mm)

Diameter of Wire inch	Diameter of Wire mm	Open Area Percent (%)	Weight (Stainless Steel) 1 sq. foot (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
1.00	25.40	53.8	17.84	87.12
.750	19.05	61.7	10.62	51.87
.6875	17.463	64.0	9.07	44.27
.625	15.875	66.4	7.61	37.17
.5625	14.288	68.9	6.26	30.57
.500	12.70	71.6	5.03	24.55
.4375	11.113	74.4	3.92	19.13
.375	9.525	77.4	2.93	14.30
.3125	7.938	80.6	2.07	10.11
.283	7.188	82.2	1.72	8.38
.263	6.68	83.3	1.49	7.30
.250	6.350	84.0	1.35	6.61
.225	5.715	85.4	1.10	5.37
.207	5.258	86.5	.94	4.59
.192	4.877	87.4	.81	3.94
.177	4.496	88.3	.70	3.40
.162	4.115	89.2	.59	2.86
.148	3.759	90.0	.48	2.37

2-1/2" (63.5 mm)

Diameter of Wire inch	Diameter of Wire mm	Open Area Percent (%)	Weight (Stainless Steel) 1 sq. foot (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
1.00	25.40	51.0	19.21	93.77
.750	19.05	59.2	11.48	56.06
.6875	17.463	61.5	9.81	47.87
.625	15.875	64.0	8.24	40.23
.5625	14.288	66.6	6.79	33.13
.500	12.70	69.4	5.46	26.67
.4375	11.113	72.4	4.26	20.81
.375	9.525	75.6	3.19	15.58
.3125	7.938	79.0	2.26	11.04
.283	7.188	80.7	1.87	9.12
.263	6.68	81.9	1.63	7.94
.250	6.350	82.6	1.47	7.20
.225	5.715	84.2	1.20	5.87
.207	5.258	85.3	1.03	5.03
.192	4.877	86.2	.89	4.34
.177	4.496	87.2	.76	3.70
.162	4.115	88.2	.64	3.11
.148	3.759	89.1	.54	2.61

Square Opening Space Cloth (continued)

2-1/4" (57.15 mm)

Diameter of Wire inch	Diameter of Wire mm	Open Area Percent (%)	Weight (Stainless Steel) 1 sq. foot (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
1.00	25.40	47.9	20.81	101.61
.750	19.05	56.2	12.49	60.99
.6875	17.463	58.7	10.68	52.16
.625	15.875	61.2	8.99	43.88
.5625	14.288	64.0	7.41	36.19
.500	12.70	66.9	5.97	29.14
.4375	11.113	70.1	4.67	22.78
.375	9.525	73.5	3.49	17.06
.3125	7.938	77.1	2.48	12.13
.283	7.188	78.9	2.06	10.06
.263	6.680	80.2	1.79	8.73
.250	6.350	81.0	1.63	7.94
.225	5.715	82.6	1.32	6.46
.207	5.258	83.9	1.13	5.52
.192	4.877	84.9	.98	4.78
.177	4.496	85.9	.84	4.09
.162	4.115	87.0	.71	3.45
.148	3.759	88.0	.60	2.91
.135	3.429	89.0	.49	2.42

2" (50.8 mm)

Diameter of Wire inch	Diameter of Wire mm	Open Area Percent (%)	Weight (Stainless Steel) 1 sq. foot (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
1.00	25.40	44.4	22.71	110.88
.750	19.05	52.9	13.70	66.90
.6875	17.463	55.4	11.73	57.29
.625	15.875	58.0	9.89	48.27
.5625	14.288	60.9	8.17	39.89
.500	12.70	64.0	6.59	32.19
.4375	11.113	67.3	5.16	25.19
.375	9.525	70.9	3.88	18.93
.3125	7.938	74.8	2.76	13.46
.283	7.188	76.7	2.28	11.14
.263	6.68	78.1	1.99	9.71
.250	6.350	79.0	1.81	8.83
.225	5.715	80.8	1.47	7.20
.207	5.258	82.1	1.26	6.16
.192	4.877	83.2	1.09	5.32
.177	4.496	84.4	.93	4.54
.162	4.115	85.6	.79	3.85
.148	3.759	86.7	.66	3.20
.135	3.429	87.8	.56	2.71
.120	3.048	89.0	.44	2.17

1-3/4" (44.45 mm)

Diameter of Wire inch	Diameter of Wire mm	Open Area Percent (%)	Weight (Stainless Steel) 1 sq. foot (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
1.00	25.400	40.5	25.00	122.06
.750	19.050	49.0	15.18	74.12
.6875	17.463	51.5	13.03	63.62
.625	15.875	54.3	10.99	53.66
.5625	14.288	57.3	9.10	44.43
.500	12.700	60.5	7.36	35.93
.4375	11.113	64.0	5.77	28.17
.375	9.525	67.8	4.34	21.19
.3125	7.938	72.0	3.10	15.14
.283	7.188	74.1	2.57	12.55
.263	6.680	75.6	2.24	10.94
.250	6.350	76.6	2.04	9.96
.225	5.715	78.5	1.67	8.15
.207	5.258	80.0	1.42	6.93
.192	4.877	81.2	1.23	6.01
.177	4.496	82.5	1.05	5.13
.162	4.115	83.8	.89	4.35
.148	3.759	85.0	.75	3.66
.135	3.429	86.2	.63	3.08
.120	3.050	87.6	.49	2.39

1-1/2" (38.1 mm)

Diameter of Wire inch	Diameter of Wire mm	Open Area Percent (%)	Weight (Stainless Steel) 1 sq. foot (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
1.00	25.40	36.0	27.84	135.93
.750	19.05	44.4	17.03	83.12
.6875	17.463	47.0	14.64	71.49
.625	15.875	49.8	12.39	60.49
.5625	14.288	52.9	10.28	50.19
.500	12.70	56.2	8.33	40.67
.4375	11.113	59.9	6.54	31.95
.375	9.525	64.0	4.95	24.16
.3125	7.938	68.5	3.53	17.26
.283	7.188	70.8	2.94	14.35
.263	6.680	72.4	2.56	12.52
.250	6.350	73.5	2.33	11.39
.225	5.715	75.6	1.91	9.32
.207	5.258	77.2	1.64	7.99
.192	4.877	78.6	1.41	6.90
.177	4.496	80.0	1.21	5.92
.162	4.115	81.5	1.03	5.03
.148	3.759	82.8	.86	4.19
.135	3.429	84.2	.73	3.55
.120	3.048	85.7	.58	2.81

1-3/8" (34.925 mm)

Diameter of Wire inch	Diameter of Wire mm	Open Area Percent (%)	Weight (Stainless Steel) 1 sq. foot (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.750	19.05	41.9	18.15	88.60
.6875	17.463	44.4	15.62	76.27
.625	15.875	47.3	13.23	64.59
.5625	14.288	50.4	10.99	53.64
.500	12.70	53.8	8.92	43.53
.4375	11.113	57.6	7.02	34.27
.375	9.525	61.7	5.31	25.93
.3125	7.938	66.4	3.81	18.59
.283	7.188	68.8	3.17	15.48
.263	6.680	70.5	2.77	13.51
.250	6.350	71.6	2.51	12.28
.225	5.715	73.9	2.06	10.06
.207	5.258	75.5	1.77	8.63
.192	4.877	77.0	1.53	7.49
.177	4.496	78.5	1.31	6.41
.162	4.115	80.0	1.11	5.42
.148	3.759	81.5	.93	4.54
.135	3.429	82.9	.79	3.85
.120	3.048	84.6	.63	3.06

1-1/4" (31.75 mm)

Diameter of Wire inch	Diameter of Wire mm	Open Area Percent (%)	Weight (Stainless Steel) 1 sq. foot (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.750	19.05	39.1	19.41	94.76
.6875	17.463	41.6	16.73	81.69
.625	15.875	44.4	14.20	69.32
.5625	14.288	47.6	11.81	57.68
.500	12.70	51.0	9.60	46.89
.4375	11.113	54.9	7.57	36.98
.375	9.525	59.2	5.75	28.05
.3125	7.938	64.0	4.12	20.12
.283	7.188	66.5	3.43	16.76
.263	6.68	68.3	3.00	14.64
.250	6.350	69.4	2.73	13.31
.225	5.715	71.8	2.24	10.95
.207	5.258	73.6	1.92	9.37
.192	4.877	75.1	1.67	8.13
.177	4.496	76.7	1.43	7.00
.162	4.115	78.4	1.21	5.92
.148	3.759	79.9	1.02	4.98
.135	3.429	81.5	.86	4.19
.120	3.048	83.2	.69	3.35
.105	2.667	85.1	.53	2.56

Square Opening Space Cloth (continued)

3/4" (19.05 mm) Opening, .120" (3.048 mm) Wire Diameter

7/8" (22.225 mm)

Diameter of Wire inch	Diameter of Wire mm	Open Area Percent (%)	Weight (Stainless Steel) 1 sq. foot (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.625	15.875	34.0	18.24	89.04
.5625	14.288	37.1	15.28	74.59
.500	12.70	40.5	12.50	61.04
.4375	11.113	44.4	9.94	48.51
.375	9.525	49.0	7.59	37.08
.3125	7.938	54.3	5.49	26.82
.283	7.188	57.1	4.59	22.43
.263	6.68	59.1	4.03	19.67
.250	6.350	60.5	3.68	17.95
.225	5.715	63.3	3.04	14.84
.207	5.258	65.4	2.61	12.72
.192	4.877	67.2	2.27	11.09
.177	4.496	69.2	1.95	9.52
.162	4.115	71.2	1.66	8.09
.148	3.759	73.2	1.39	6.80
.135	3.429	75.1	1.18	5.77
.120	3.048	77.3	.94	4.59
.105	2.667	79.7	.73	3.55
.092	2.337	81.9	.57	2.76
.080	2.032	83.9	.42	2.07

1-1/8" (28.575 mm)

Diameter of Wire inch	Diameter of Wire mm	Open Area Percent (%)	Weight (Stainless Steel) 1 sq. foot (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.750	19.05	36.0	20.88	101.96
.6875	17.463	38.5	18.04	88.05
.625	15.875	41.3	15.32	74.79
.5625	14.288	44.4	12.77	62.37
.500	12.700	47.9	10.40	50.78
.4375	11.113	51.8	8.22	40.13
.375	9.525	56.2	6.25	30.52
.3125	7.938	61.2	4.49	21.94
.283	7.188	63.8	3.75	18.29
.263	6.680	65.7	3.28	16.02
.250	6.350	66.9	2.99	14.59
.225	5.715	69.4	2.45	11.98
.207	5.258	71.3	2.10	10.25
.192	4.877	73.0	1.83	8.92
.177	4.496	74.7	1.57	7.64
.162	4.115	76.4	1.33	6.51
.148	3.759	78.1	1.12	5.47
.135	3.429	79.7	.94	4.59
.120	3.048	81.7	.75	3.65
.105	2.667	83.7	.59	2.86
.092	2.337	85.5	.45	2.22

3/4" (19.05 mm)

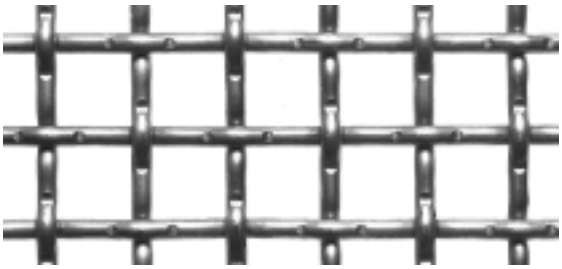
Diameter of Wire inch	Diameter of Wire mm	Open Area Percent (%)	Weight (Stainless Steel) 1 sq. foot (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.625	15.875	29.8	20.18	98.51
.5625	14.288	32.7	16.95	82.78
.500	12.70	36.0	13.93	67.99
.4375	11.113	39.9	11.11	54.23
.375	9.525	44.4	8.52	41.61
.3125	7.938	49.8	6.19	30.22
.283	7.188	52.7	5.20	25.39
.263	6.680	54.8	4.56	22.28
.250	6.350	56.2	4.16	20.31
.225	5.715	59.2	3.44	16.81
.207	5.258	61.4	2.96	14.45
.192	4.877	63.4	2.59	12.62
.177	4.496	65.5	2.22	10.85
.162	4.115	67.6	1.89	9.22
.148	3.759	69.8	1.60	7.79
.135	3.429	71.8	1.34	6.56
.120	3.048	74.3	1.08	5.28
.105	2.667	76.9	.84	4.09
.092	2.337	79.3	.66	3.20
.080	2.032	81.7	.50	2.47

1" (25.4 mm)

Diameter of Wire inch	Diameter of Wire mm	Open Area Percent (%)	Weight (Stainless Steel) 1 sq. foot (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.750	19.05	32.7	22.60	110.34
.6875	17.463	35.1	19.56	95.50
.625	15.875	37.9	16.65	81.30
.5625	14.288	41.0	13.92	67.94
.500	12.70	44.4	11.36	55.47
.4375	11.113	48.4	9.00	43.93
.375	9.525	52.9	6.86	33.48
.3125	7.938	58.0	4.95	24.16
.283	7.188	60.8	4.13	20.16
.263	6.68	62.7	3.62	17.65
.250	6.350	64.0	3.29	16.07
.225	5.715	66.6	2.72	13.26
.207	5.258	68.6	2.33	11.39
.192	4.877	70.4	2.03	9.91
.177	4.496	72.2	1.74	8.48
.162	4.115	74.1	1.47	7.20
.148	3.759	75.9	1.24	6.06
.135	3.429	77.6	1.05	5.13
.120	3.048	79.7	.84	4.09
.105	2.667	81.9	.65	3.16
.092	2.337	83.9	.50	2.47
.080	2.032	85.7	.38	1.87

5/8" (15.875 mm)

Diameter of Wire inch	Diameter of Wire mm	Open Area Percent (%)	Weight (Stainless Steel) 1 sq. foot (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.5625	14.288	27.7	19.05	93.03
.500	12.70	30.9	15.72	76.76
.4375	11.113	34.6	12.59	61.48
.375	9.525	39.1	9.70	47.38
.3125	7.938	44.4	7.10	34.66
.283	7.188	47.4	5.97	29.14
.263	6.680	49.5	5.25	25.64
.250	6.350	51.0	4.81	23.47
.225	5.715	54.1	3.98	19.43
.207	5.258	56.4	3.43	16.76
.192	4.877	58.5	3.00	14.64
.177	4.496	60.7	2.59	12.62
.162	4.115	63.1	2.20	10.75
.148	3.759	65.4	1.87	9.12
.135	3.429	67.6	1.58	7.69
.120	3.048	70.4	1.26	6.16
.105	2.667	73.3	.99	4.83
.092	2.337	76.0	.77	3.75
.080	2.032	78.6	.59	2.86
.072	1.829	80.4	.48	2.37
.063	1.600	82.5	.37	1.82



3/8" (9.525 mm) Opening, .105" (2.667 mm) Wire Diameter

1/2" (12.70 mm)

Diameter of Wire inch	Diameter of Wire mm	Open Area Percent (%)	Weight (Stainless Steel) 1sq. foot (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.4375	11.113	28.4	14.56	71.09
.375	9.525	32.7	11.30	55.17
.3125	7.938	37.9	8.32	40.63
.283	7.188	40.8	7.03	34.31
.263	6.680	42.9	6.20	30.27
.250	6.350	44.4	5.68	27.71
.225	5.715	47.6	4.73	23.07
.207	5.258	50.0	4.08	19.92
.192	4.877	52.2	3.57	17.45
.177	4.496	54.5	3.09	15.09
.162	4.115	57.0	2.64	12.87
.148	3.759	59.5	2.24	10.95
.135	3.429	62.0	1.90	9.27
.120	3.048	65.0	1.52	7.44
.105	2.667	68.3	1.19	5.82
.092	2.337	71.3	.94	4.59
.080	2.032	74.3	.72	3.50
.072	1.829	76.4	.59	2.86
.063	1.600	78.9	.45	2.22

7/16" (11.113 mm)

Diameter of Wire inch	Diameter of Wire mm	Open Area Percent (%)	Weight (Stainless Steel) 1sq. foot (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.375	9.525	29.0	12.32	60.15
.3125	7.938	34.0	9.12	44.52
.283	7.188	36.9	7.71	37.67
.263	6.680	39.0	6.82	33.28
.250	6.350	40.5	6.25	30.52
.225	5.715	43.6	5.21	25.44
.207	5.258	46.1	4.51	22.04
.192	4.877	48.3	3.96	19.33
.177	4.496	50.7	3.43	16.76
.162	4.115	53.3	2.93	14.30
.148	3.759	55.8	2.49	12.18
.135	3.429	58.4	2.11	10.30
.120	3.048	61.6	1.71	8.33
.105	2.667	65.0	1.34	6.56
.092	2.337	68.3	1.05	5.13
.080	2.032	71.5	.81	3.94
.072	1.829	73.7	.67	3.25
.063	1.600	76.4	.51	2.51

3/8" (9.525 mm)

Diameter of Wire inch	Diameter of Wire mm	Open Area Percent (%)	Weight (Stainless Steel) 1sq. foot (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.3125	7.938	29.8	10.09	49.25
.283	7.188	32.5	8.56	41.81
.263	6.680	34.5	7.58	37.03
.250	6.350	36.0	6.96	33.97
.225	5.715	39.1	5.83	28.45
.207	5.258	41.5	5.05	24.65
.192	4.877	43.7	4.43	21.64
.177	4.496	46.2	3.86	18.83
.162	4.115	48.8	3.30	16.12
.148	3.759	51.4	2.82	13.76
.135	3.429	54.1	2.39	11.68
.120	3.048	57.4	1.94	9.47
.105	2.667	61.0	1.52	7.44
.092	2.337	64.5	1.19	5.82
.080	2.032	67.9	.92	4.49
.072	1.829	70.4	.76	3.70
.063	1.600	73.3	.60	2.91
.054	1.372	76.4	.44	2.17

Square Opening Space Cloth (continued)

5/16" (7.938 mm)

Diameter of Wire inch	Diameter of Wire mm	Open Area Percent (%)	Weight (Stainless Steel) 1 sq. foot (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.263	6.680	29.5	8.54	41.71
.250	6.350	30.9	7.86	38.36
.225	5.715	33.8	6.59	32.19
.207	5.258	36.2	5.74	28.00
.192	4.877	38.4	5.05	24.65
.177	4.496	40.8	4.40	21.50
.162	4.115	43.4	3.78	18.44
.148	3.759	46.1	3.23	15.78
.135	3.429	48.8	2.75	13.41
.120	3.048	52.2	2.23	10.90
.105	2.667	56.0	1.76	8.58
.092	2.337	59.7	1.38	6.75
.080	2.032	63.4	1.08	5.28
.072	1.829	66.1	.89	4.34
.063	1.600	69.3	.70	3.40
.054	1.372	72.7	.51	2.51

1/4" (6.35 mm)

Diameter of Wire inch	Diameter of Wire mm	Open Area Percent (%)	Weight (Stainless Steel) 1 sq. foot (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.250	6.350	25.0	8.58	41.91
.225	5.715	27.7	7.62	37.22
.207	5.258	29.9	6.65	32.49
.192	4.877	32.0	5.88	28.69
.177	4.496	34.3	5.13	25.05
.162	4.115	36.8	4.42	21.59
.148	3.759	39.4	3.80	18.54
.135	3.429	42.2	3.24	15.83
.120	3.048	45.6	2.65	12.92
.105	2.667	49.6	2.09	10.21
.092	2.337	53.4	1.66	8.09
.080	2.032	57.4	1.29	6.31
.072	1.829	60.3	1.07	5.23
.063	1.600	63.8	.84	4.09
.054	1.372	67.6	.63	3.06
.047	1.194	70.9	.48	2.37

3/16" (4.763 mm)

Diameter of Wire inch	Diameter of Wire mm	Open Area Percent (%)	Weight (Stainless Steel) 1 sq. foot (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.192	4.877	24.4	7.04	34.36
.177	4.496	26.5	6.18	30.17
.162	4.115	28.8	5.35	26.13
.148	3.759	31.2	4.61	22.53
.135	3.429	33.8	3.96	19.33
.120	3.048	37.2	3.25	15.88
.105	2.667	41.1	2.59	12.62
.092	2.337	45.0	2.06	10.06
.080	2.032	49.1	1.62	7.89
.072	1.829	52.2	1.34	6.56
.063	1.600	56.0	1.06	5.18
.054	1.372	60.3	.80	3.89
.047	1.194	63.9	.63	3.06
.041	1.041	67.3	.48	2.37

1/8" (3.175 mm)

Diameter of Wire inch	Diameter of Wire mm	Open Area Percent (%)	Weight (Stainless Steel) 1sq. foot (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.120	3.048	26.0	4.23	20.66
.105	2.667	29.5	3.40	16.62
.092	2.337	33.2	2.74	13.36
.080	2.032	37.2	2.17	10.60
.072	1.829	40.3	1.81	8.83
.063	1.600	44.2	1.44	7.05
.054	1.372	48.8	1.10	5.37
.047	1.194	52.8	.86	4.19
.041	1.041	56.7	.68	3.30
.035	.889	61.0	.50	2.47
.032	.813	63.4	.43	2.12

Square Mesh Wire Cloth

1 inch Center to Center

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.250	6.35	.7500	19.05	56.2	416.4	20.33
.225	5.72	.7750	19.69	60.1	335.4	16.37
.207	5.26	.7930	20.14	62.9	282.8	13.80
.192	4.88	.8080	20.52	65.3	242.7	11.84
.177	4.50	.8230	20.90	67.7	205.7	10.04
.162	4.11	.8380	21.29	70.2	171.9	8.39
.148	3.76	.8520	21.64	72.6	143.1	6.98
.135	3.43	.8560	21.74	73.3	118.9	5.80
.120	3.05	.8800	22.35	77.4	93.7	4.57
.105	2.67	.8950	22.73	80.1	71.7	3.50
.092	2.34	.9080	23.06	82.4	54.9	2.68
.080	2.03	.9200	23.37	84.6	41.5	2.03
.072	1.83	.9280	23.57	86.1	33.6	1.64
.063	1.60	.9370	23.80	87.8	25.7	1.26

3/4 Mesh Center to Center

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.250	6.35	.5000	12.70	44.4	567.8	27.71
.225	5.72	.5250	13.34	49.0	455.4	22.22
.207	5.26	.5430	13.79	52.4	383.1	18.70
.192	4.88	.5580	14.17	55.3	328.0	16.01
.177	4.50	.5730	14.55	58.3	277.4	13.54
.162	4.11	.5880	14.94	61.4	231.4	11.29
.148	3.76	.6020	15.29	64.4	192.4	9.39
.135	3.43	.6150	15.62	67.2	159.6	7.79
.120	3.05	.6300	16.00	70.5	125.6	6.13
.105	2.67	.6450	16.38	73.9	95.9	4.68
.092	2.34	.6580	16.71	79.6	73.5	3.59
.080	2.03	.6700	17.02	79.8	55.4	2.71
.072	1.83	.6780	17.22	81.7	44.9	2.19
.063	1.60	.6870	17.45	83.9	34.3	1.68
.054	1.37	.6960	17.68	86.1	25.1	1.23

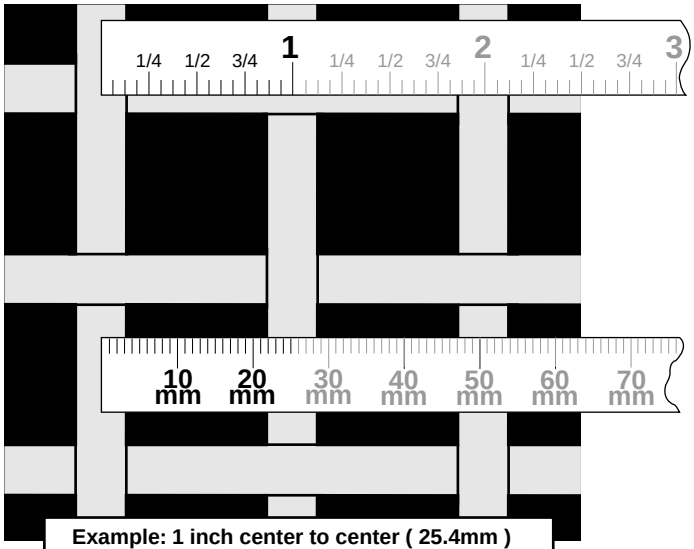
5/8 Mesh Center to Center

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.250	6.35	.3750	9.53	36.0	696.2	33.97
.225	5.72	.4000	10.16	41.0	556.4	27.15
.207	5.26	.4180	10.62	44.7	466.9	22.79
.192	4.88	.4330	11.00	48.0	398.9	19.46
.177	4.50	.4480	11.38	51.4	336.8	16.43
.162	4.11	.4630	11.76	54.9	280.4	13.68
.148	3.76	.4770	12.12	58.3	232.8	11.36
.135	3.43	.4900	12.45	61.5	192.9	9.41
.120	3.05	.5050	12.83	65.3	151.7	7.40
.105	2.67	.5200	13.21	69.2	115.6	5.64
.092	2.34	.5330	13.54	72.7	88.8	4.33
.080	2.03	.5450	13.84	76.0	66.7	3.26
.072	1.83	.5530	14.05	78.3	54.0	2.64
.063	1.60	.5620	14.27	80.9	41.3	2.02
.054	1.37	.5710	14.50	83.5	30.3	1.48
.047	1.19	.5780	14.68	85.5	22.9	1.12

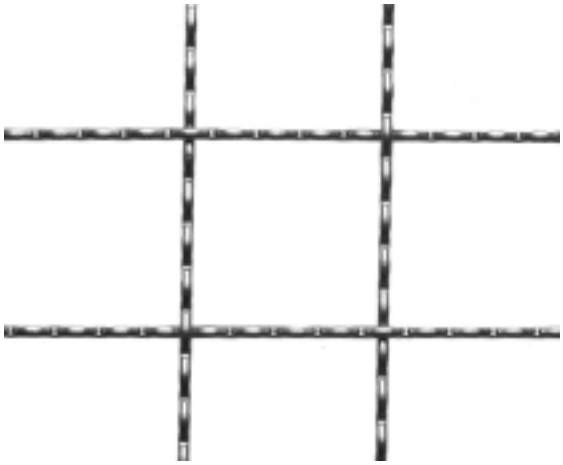
2 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.250	6.35	.2500	6.35	25.0	903.4	44.08
.225	5.72	.2750	6.99	30.3	717.6	35.02
.207	5.26	.2930	7.44	34.3	599.6	29.26
.192	4.88	.3080	7.82	37.9	510.5	24.91
.177	4.50	.3230	8.20	41.7	429.6	20.96
.162	4.11	.3380	8.59	45.7	356.8	17.41
.148	3.76	.3520	8.94	49.6	295.3	14.41
.135	3.43	.3650	9.27	53.3	244.1	11.91
.120	3.05	.3800	9.65	57.8	191.5	9.34
.105	2.67	.3950	10.03	62.4	145.6	7.11
.092	2.34	.4080	10.36	66.6	111.3	5.43
.080	2.03	.4200	10.67	70.6	83.8	4.09
.072	1.83	.4280	10.87	73.3	67.8	3.31
.063	1.60	.4370	11.10	76.4	51.7	2.52
.054	1.37	.4460	11.33	79.6	38.0	1.85
.047	1.19	.4530	11.51	82.1	28.7	1.40
.041	1.04	.4590	11.66	84.3	21.8	1.06
.035	.89	.4650	11.81	86.5	15.9	.77

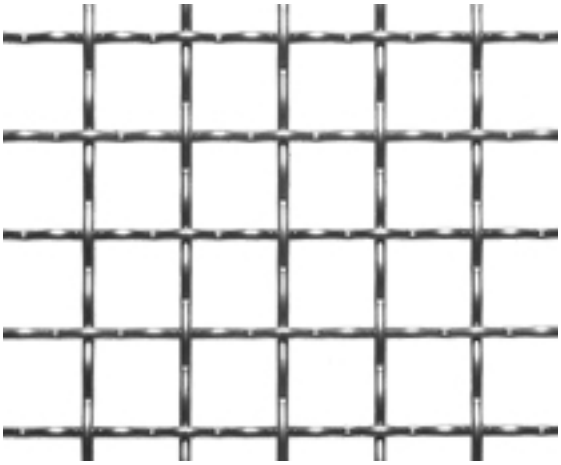
How to Measure Your Mesh



Example: 1 inch center to center (25.4mm)
.250 (6.35mm) wire diameter
.7500 (19.05mm) width of opening



1" (25.4 mm) Center to Center, .063" (1.600 mm) Wire Diameter



2 Mesh, .063" (1.600 mm) Wire Diameter

2-1/4 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.225	5.72	.2194	5.57	24.4	825.1	40.27
.207	5.26	.2374	6.03	28.5	687.6	33.55
.192	4.88	.2524	6.41	32.3	584.1	28.50
.177	4.50	.2674	6.79	36.2	490.5	23.93
.162	4.11	.2824	7.17	40.4	406.2	19.82
.148	3.76	.2964	7.53	44.5	335.8	16.39
.135	3.43	.3094	7.86	48.5	277.0	13.52
.120	3.05	.3244	8.24	53.3	216.9	10.58
.105	2.67	.3394	8.62	58.3	164.8	8.04
.092	2.34	.3524	8.95	62.9	125.7	6.14
.080	2.03	.3644	9.26	67.2	94.6	4.62
.072	1.83	.3724	9.46	70.2	76.4	3.73
.063	1.60	.3814	9.69	73.6	58.4	2.85
.054	1.37	.3904	9.92	77.2	42.7	2.08
.047	1.19	.3974	10.09	80.0	32.3	1.58
.041	1.04	.4034	10.25	82.4	24.5	1.20
.035	.89	.4094	10.40	84.9	17.9	.87

2-1/2 Mesh

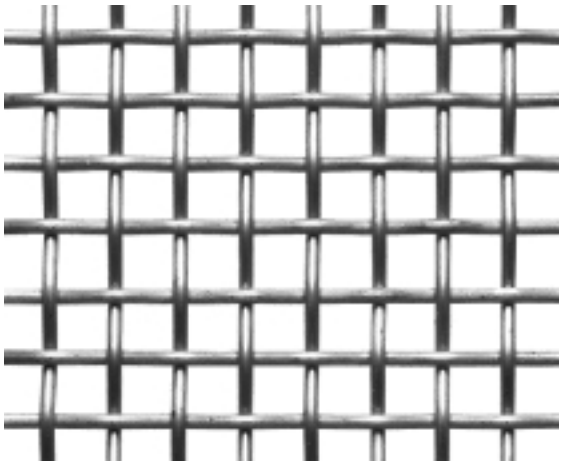
Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.225	5.72	.1750	4.45	19.1	938.4	45.79
.207	5.26	.1930	4.90	23.3	779.8	38.05
.192	4.88	.2080	5.28	27.0	660.8	32.25
.177	4.50	.2230	5.66	31.0	553.6	27.01
.162	4.11	.2380	6.05	35.4	457.5	22.33
.148	3.76	.2520	6.40	39.7	377.0	18.40
.135	3.43	.2650	6.73	43.9	310.8	15.17
.120	3.05	.2800	7.11	49.0	243.0	11.86
.105	2.67	.2950	7.49	54.4	184.2	8.99
.092	2.34	.3080	7.82	59.3	140.4	6.85
.080	2.03	.3200	8.13	64.0	105.4	5.14
.072	1.83	.3280	8.33	67.2	85.1	4.15
.063	1.60	.3370	8.56	71.0	64.9	3.17
.054	1.37	.3460	8.79	74.8	47.6	2.32
.047	1.19	.3530	8.97	77.9	35.9	1.75
.041	1.04	.3590	9.12	80.6	27.3	1.33
.035	.89	.3650	9.27	83.3	19.9	.97

2-3/4 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.177	4.50	.1866	4.74	26.3	619.4	30.23
.162	4.11	.2016	5.12	30.7	510.8	24.92
.148	3.76	.2156	5.48	35.2	420.4	20.51
.135	3.43	.2286	5.81	39.5	345.6	16.86
.120	3.05	.2436	6.19	44.9	269.6	13.16
.105	2.67	.2586	6.57	50.6	204.0	9.95
.092	2.34	.2716	6.90	55.8	155.2	7.57
.080	2.03	.2836	7.20	60.8	116.4	5.68
.072	1.83	.2916	7.41	64.3	93.9	4.58
.063	1.60	.3006	7.64	68.3	71.6	3.49
.054	1.37	.3096	7.86	72.5	52.4	2.56
.047	1.19	.3166	8.04	75.8	39.6	1.93
.041	1.04	.3226	8.19	78.7	30.1	1.47
.035	.89	.3286	8.35	81.7	21.9	1.07

3 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.162	4.11	.1713	4.35	26.4	565.9	27.62
.148	3.76	.1853	4.71	30.9	464.7	22.68
.135	3.43	.1983	5.04	35.4	381.3	18.61
.120	3.05	.2133	5.42	40.9	296.8	14.48
.105	2.67	.2283	5.80	46.9	224.2	10.94
.092	2.34	.2413	6.13	52.4	170.4	8.31
.080	2.03	.2533	6.43	57.7	127.6	6.23
.072	1.83	.2613	6.64	61.4	102.9	5.02
.063	1.60	.2703	6.87	65.8	78.4	3.82
.054	1.37	.2793	7.09	70.2	57.3	2.79
.047	1.19	.2863	7.27	73.8	43.2	2.11
.041	1.04	.2923	7.42	76.9	32.8	1.60
.035	.89	.2983	7.58	80.1	23.9	1.17
.032	.81	.3013	7.65	81.7	19.9	.97



3 Mesh, .080" (2.032 mm) Wire Diameter

Square Mesh Wire Cloth (continued)

3-1/4 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.148	3.76	.1597	4.06	26.9	510.6	24.92
.135	3.43	.1727	4.39	31.5	418.1	20.40
.120	3.05	.1877	4.77	37.2	324.8	15.85
.105	2.67	.2027	5.15	43.4	244.8	11.95
.092	2.34	.2157	5.48	49.1	185.4	9.05
.080	2.03	.2277	5.78	54.8	138.9	6.78
.072	1.83	.2357	5.99	58.7	111.9	5.46
.063	1.60	.2447	6.22	63.2	85.1	4.15
.054	1.37	.2537	6.44	68.0	62.2	3.04
.047	1.19	.2607	6.62	71.8	47.0	2.29
.041	1.04	.2667	6.77	75.1	35.6	1.74
.035	.89	.2727	6.93	78.5	25.9	1.26
.032	.81	.2757	7.00	80.3	21.6	1.05

3-1/2 Mesh

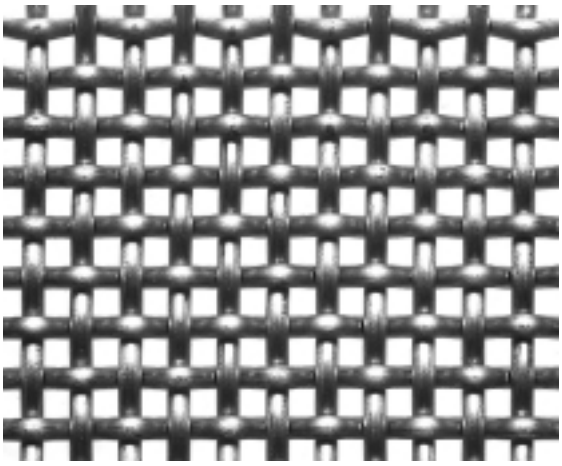
Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.148	3.76	.1377	3.50	23.2	530.1	25.87
.135	3.43	.1507	3.83	27.8	433.2	21.14
.120	3.05	.1657	4.21	33.6	353.3	17.24
.105	2.67	.1807	4.59	40.0	265.8	12.97
.092	2.34	.1937	4.92	46.0	201.3	9.82
.080	2.03	.2057	5.22	51.8	150.4	7.34
.072	1.83	.2137	5.43	55.9	121.0	5.90
.063	1.60	.2227	5.66	60.8	92.0	4.49
.054	1.37	.2317	5.89	65.8	67.2	3.28
.047	1.19	.2387	6.06	69.8	50.7	2.47
.041	1.04	.2447	6.22	73.4	38.5	1.88
.035	.89	.2507	6.37	77.0	27.9	1.36
.032	.81	.2537	6.44	78.8	23.3	1.14

3-3/4 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.135	3.43	.1317	3.35	24.4	470.5	22.96
.120	3.05	.1467	3.73	30.3	363.5	17.74
.105	2.67	.1617	4.11	36.8	287.3	14.02
.092	2.34	.1747	4.44	42.9	217.1	10.59
.080	2.03	.1867	4.74	49.0	162.0	7.90
.072	1.83	.1947	4.95	53.3	130.2	6.35
.063	1.60	.2037	5.17	58.4	98.9	4.82
.054	1.37	.2127	5.40	63.6	72.1	3.52
.047	1.19	.2197	5.58	67.9	54.3	2.65
.041	1.04	.2257	5.73	71.6	41.2	2.01
.035	.89	.2317	5.89	75.5	30.0	1.46
.032	.81	.2347	5.96	77.5	25.0	1.22

4 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.135	3.43	.1150	2.92	21.2	433.2	21.14
.120	3.05	.1300	3.30	27.0	353.3	17.24
.105	2.67	.1450	3.68	33.6	265.8	12.97
.092	2.34	.1580	4.01	39.9	201.3	9.82
.080	2.03	.1700	4.32	46.2	150.4	7.34
.072	1.83	.1780	4.52	50.7	121.0	5.90
.063	1.60	.1870	4.75	56.0	92.0	4.49
.054	1.37	.1960	4.98	61.5	67.2	3.28
.047	1.19	.2030	5.16	65.9	50.7	2.47
.041	1.04	.2090	5.31	69.9	38.5	1.88
.035	.89	.2150	5.46	74.0	27.9	1.36
.032	.81	.2180	5.54	76.0	23.3	1.14
.028	.71	.2220	5.64	78.9	20.4	1.00
.025	.64	.2250	5.72	81.0	16.3	.79



4 Mesh, .120" (3.05 mm) Wire Diameter

4-1/2 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.120	3.05	.1022	2.60	21.2	452.3	22.07
.105	2.67	.1172	2.98	27.8	337.0	16.44
.092	2.34	.1302	3.31	34.3	266.5	13.00
.080	2.03	.1422	3.61	40.9	197.8	9.65
.072	1.83	.1502	3.82	45.7	158.5	7.74
.063	1.60	.1592	4.04	51.3	120.1	5.86
.054	1.37	.1682	4.27	57.3	87.2	4.26
.047	1.19	.1752	4.45	62.2	65.6	3.20
.041	1.04	.1812	4.60	66.5	49.7	2.42
.035	.89	.1872	4.75	71.0	36.0	1.76
.032	.81	.1902	4.83	73.3	30.1	1.47
.028	.71	.1942	4.93	76.4	23.0	1.12
.025	.64	.1972	5.01	78.7	18.3	.89

5 Mesh

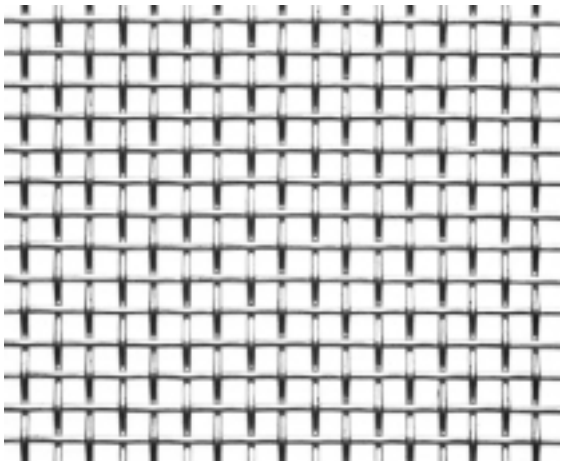
Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.120	3.05	.0800	2.03	16.0	515.6	25.16
.105	2.67	.0950	2.41	22.6	382.4	18.66
.092	2.34	.1080	2.74	29.2	286.2	13.97
.080	2.03	.1200	3.05	36.0	222.8	10.87
.072	1.83	.1280	3.25	41.0	178.1	8.69
.063	1.60	.1370	3.48	46.9	134.5	6.56
.054	1.37	.1460	3.71	53.3	97.6	4.77
.047	1.19	.1530	3.89	58.5	73.3	3.58
.041	1.04	.1590	4.04	63.2	55.4	2.71
.035	.89	.1650	4.19	68.1	40.2	1.96
.032	.81	.1680	4.27	70.6	33.5	1.64
.028	.71	.1720	4.37	74.0	25.5	1.25
.025	.64	.1750	4.45	76.6	20.4	1.00
.023	.58	.1770	4.50	78.3	17.2	.84

5-1/2 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.092	2.34	.0898	2.28	24.4	320.4	15.64
.080	2.03	.1018	2.59	31.3	236.2	11.53
.072	1.83	.1098	2.79	36.5	198.2	9.67
.063	1.60	.1188	3.02	42.7	149.3	7.29
.054	1.37	.1278	3.25	49.4	108.1	5.28
.047	1.19	.1348	3.42	55.0	81.1	3.96
.041	1.04	.1408	3.58	60.0	61.3	2.99
.035	.89	.1468	3.73	65.2	44.3	2.16
.032	.81	.1498	3.80	67.9	37.0	1.80
.028	.71	.1538	3.91	71.6	28.2	1.37
.025	.64	.1568	3.98	74.4	22.4	1.09
.023	.58	.1588	4.03	76.3	19.0	.93

6 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.092	2.34	.0747	1.90	20.1	356.3	17.39
.080	2.03	.0867	2.20	27.1	261.6	12.77
.072	1.83	.0947	2.41	32.3	219.0	10.69
.063	1.60	.1037	2.63	38.7	164.6	8.03
.054	1.37	.1127	2.86	45.7	118.9	5.80
.047	1.19	.1193	3.03	51.2	89.1	4.35
.041	1.04	.1257	3.19	56.9	67.2	3.28
.035	.89	.1317	3.35	62.4	48.6	2.37
.032	.81	.1347	3.42	65.3	40.4	1.97
.028	.71	.1387	3.52	69.3	30.8	1.50
.025	.64	.1417	3.60	72.3	24.5	1.20
.023	.58	.1437	3.65	74.3	20.7	1.01
.020	.51	.1467	3.73	77.5	15.7	.76



6 Mesh, .047" (1.19 mm) Wire Diameter

Square Mesh Wire Cloth (continued)

6-1/2 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.080	2.03	.0739	1.88	23.1	287.9	14.05
.072	1.83	.0819	2.08	28.3	228.5	11.15
.063	1.60	.0909	2.31	34.9	171.3	8.36
.054	1.37	.0999	2.54	42.2	129.9	6.34
.047	1.19	.1069	2.72	48.3	97.0	4.74
.041	1.04	.1129	2.87	53.9	73.1	3.57
.035	.89	.1189	3.02	59.7	52.8	2.58
.032	.81	.1219	3.10	62.8	43.9	2.14
.028	.71	.1259	3.20	67.0	33.5	1.64
.025	.64	.1289	3.27	70.2	26.6	1.30
.023	.58	.1309	3.32	72.4	22.5	1.10
.020	.51	.1339	3.40	75.8	17.0	.83

7 Mesh

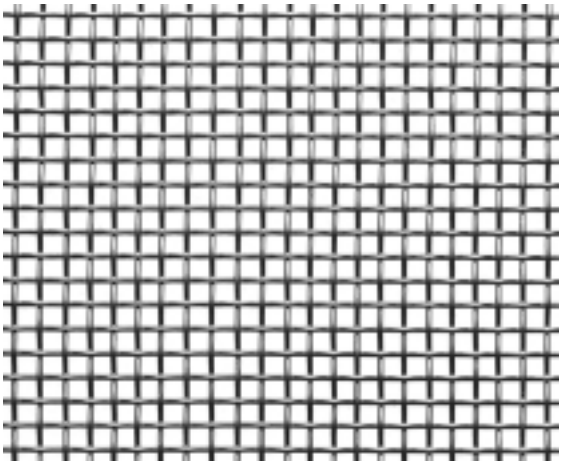
Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.080	2.03	.0629	1.60	19.4	315.3	15.38
.072	1.83	.0709	1.80	24.6	249.6	12.18
.063	1.60	.0799	2.03	31.3	186.5	9.10
.054	1.37	.0889	2.26	38.7	141.1	6.88
.047	1.19	.0959	2.44	45.1	105.2	5.13
.041	1.04	.1019	2.59	50.9	79.2	3.86
.035	.89	.1079	2.74	57.0	57.1	2.78
.032	.81	.1109	2.82	60.3	47.5	2.32
.028	.71	.1149	2.92	64.7	36.2	1.76
.025	.64	.1179	2.99	68.1	28.7	1.40
.023	.58	.1199	3.05	70.4	24.2	1.18
.020	.51	.1229	3.12	74.0	18.3	.89
.018	.46	.1249	3.17	76.4	14.7	.72

7-1/2 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.080	2.03	.0533	1.35	16.0	343.7	16.77
.072	1.83	.0613	1.56	21.1	372.3	18.17
.063	1.60	.0703	1.79	27.8	202.3	9.87
.054	1.37	.0793	2.01	35.4	152.5	7.44
.047	1.19	.0863	2.19	41.9	113.6	5.54
.041	1.04	.0923	2.34	47.9	85.2	4.16
.035	.89	.0983	2.50	54.4	61.4	3.00
.032	.81	.1013	2.57	57.7	51.1	2.49
.028	.71	.1053	2.67	62.4	38.8	1.89
.025	.64	.1083	2.75	66.0	30.8	1.50
.023	.58	.1103	2.80	68.4	26.1	1.27
.020	.51	.1133	2.88	72.2	19.6	.96
.018	.46	.1153	2.93	74.8	15.9	.77

8 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.072	1.83	.0530	1.35	18.0	294.0	14.34
.063	1.60	.0620	1.57	24.6	218.4	10.66
.054	1.37	.0710	1.80	32.3	164.3	8.02
.047	1.19	.0780	1.98	38.9	122.1	5.96
.041	1.04	.0840	2.13	45.2	91.5	4.46
.035	.89	.0900	2.29	51.8	65.7	3.21
.032	.81	.0930	2.36	55.4	54.6	2.67
.028	.71	.0970	2.46	60.2	41.5	2.03
.025	.64	.1000	2.54	64.0	32.9	1.61
.023	.58	.1020	2.59	66.6	27.8	1.36
.020	.51	.1050	2.67	70.6	20.9	1.02
.018	.46	.1070	2.72	73.3	17.0	.83
.017	.43	.1080	2.74	74.6	15.0	.73



8 Mesh, .032" (.813 mm) Wire Diameter

8-1/2 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.072	1.83	.0456	1.16	15.0	317.4	15.49
.063	1.60	.0546	1.39	21.5	235.1	11.47
.054	1.37	.0636	1.62	29.2	167.5	8.18
.047	1.19	.0706	1.79	36.0	130.7	6.38
.041	1.04	.0766	1.95	42.4	97.7	4.77
.035	.89	.0826	2.10	49.3	70.2	3.42
.032	.81	.0856	2.17	52.9	58.3	2.84
.028	.71	.0896	2.28	58.0	44.2	2.16
.025	.64	.0926	2.35	62.0	35.1	1.71
.023	.58	.0946	2.40	64.7	29.6	1.44
.020	.51	.0976	2.48	68.8	22.3	1.09
.018	.46	.0996	2.53	71.7	18.0	.88
.017	.43	.1006	2.56	73.1	16.1	.78

9 Mesh

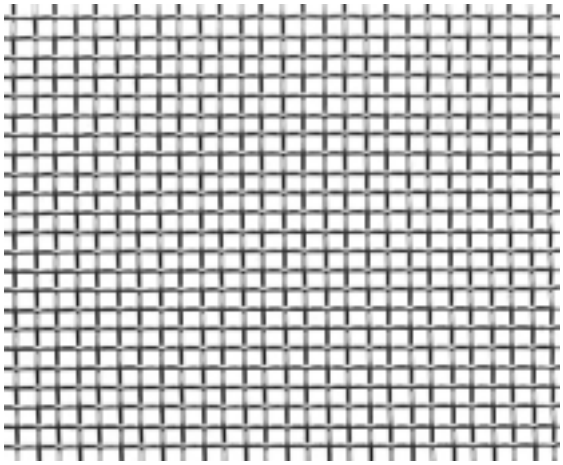
Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.072	1.83	.0391	.99	12.4	341.5	16.67
.063	1.60	.0481	1.22	18.7	252.2	12.31
.054	1.37	.0571	1.45	26.4	179.1	8.74
.047	1.19	.0641	1.63	33.3	139.6	6.81
.041	1.04	.0701	1.78	39.8	104.2	5.09
.035	.89	.0761	1.93	46.9	74.7	3.65
.032	.81	.0791	2.01	50.7	62.0	3.03
.028	.71	.0831	2.11	55.9	47.1	2.30
.025	.64	.0861	2.19	60.0	37.3	1.82
.023	.58	.0881	2.24	62.9	31.4	1.53
.020	.51	.0911	2.31	67.2	23.6	1.15
.018	.46	.0931	2.36	70.2	19.1	.93
.017	.43	.0941	2.39	71.7	17.0	.83
.016	.41	.0951	2.42	73.3	15.0	.73

9-1/2 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.063	1.60	.0423	1.07	16.1	269.9	13.17
.054	1.37	.0513	1.30	23.8	191.2	9.33
.047	1.19	.0583	1.48	30.7	148.5	7.25
.041	1.04	.0643	1.63	37.3	110.8	5.41
.035	.89	.0703	1.79	44.6	79.3	3.87
.032	.81	.0733	1.86	48.5	65.7	3.21
.028	.71	.0773	1.96	53.9	49.8	2.43
.025	.64	.0803	2.04	58.2	39.5	1.93
.023	.58	.0823	2.09	61.1	33.2	1.62
.020	.51	.0853	2.17	65.7	25.0	1.22
.018	.46	.0873	2.22	68.8	20.2	.99
.017	.43	.0883	2.24	70.4	18.0	.88
.016	.41	.0893	2.27	72.0	15.9	.77

10 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.054	1.37	.0460	1.17	21.2	203.5	9.93
.047	1.19	.0530	1.35	28.1	149.9	7.31
.041	1.04	.0590	1.50	34.8	117.4	5.73
.035	.89	.0650	1.65	42.3	83.9	4.10
.032	.81	.0680	1.73	46.2	69.5	3.39
.028	.71	.0720	1.83	51.8	52.6	2.57
.025	.64	.0750	1.91	56.2	41.6	2.03
.023	.58	.0770	1.96	59.3	35.0	1.71
.020	.51	.0800	2.03	64.0	26.4	1.29
.018	.46	.0820	2.08	67.2	21.3	1.04
.017	.43	.0830	2.11	68.9	19.0	.93
.016	.41	.0840	2.13	70.6	16.8	.82
.015	.38	.0850	2.16	72.3	14.7	.72



10 Mesh, .025" (.635 mm) Wire Diameter

Square Mesh Wire Cloth (continued)

11 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.047	1.19	.0439	1.12	23.3	167.9	8.19
.041	1.04	.0499	1.14	30.1	124.5	6.08
.035	.89	.0559	1.42	37.8	93.3	4.55
.032	.81	.0589	1.50	42.0	77.1	3.76
.028	.71	.0629	1.60	47.9	58.4	2.85
.025	.64	.0659	1.67	52.5	46.0	2.25
.023	.58	.0679	1.72	55.8	38.8	1.89
.020	.51	.0709	1.80	60.8	29.1	1.42
.018	.46	.0729	1.85	64.3	23.5	1.15
.017	.43	.0739	1.88	66.1	20.9	1.02
.016	.41	.0749	1.90	67.9	18.5	.90
.015	.38	.0759	1.93	69.7	16.3	.79

12 Mesh

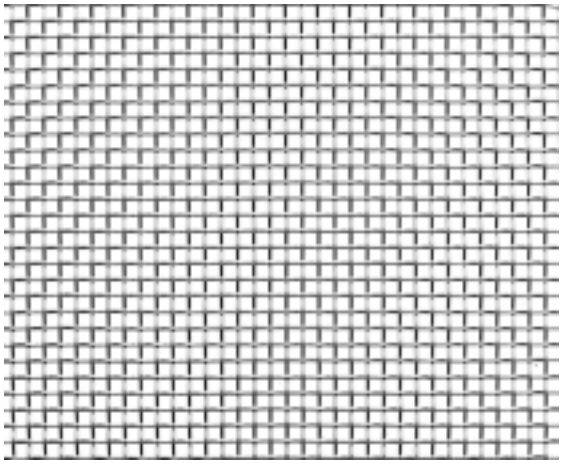
Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.047	1.19	.0363	.92	19.0	186.9	9.12
.041	1.04	.0423	1.07	25.8	138.0	6.74
.035	.89	.0483	1.23	33.6	103.1	5.03
.032	.81	.0513	1.30	37.9	85.1	4.15
.028	.71	.0553	1.40	44.0	64.1	3.13
.025	.64	.0583	1.48	48.9	50.6	2.47
.023	.58	.0603	1.53	52.4	42.6	2.08
.020	.51	.0633	1.61	57.7	31.9	1.56
.018	.46	.0653	1.66	61.4	25.7	1.26
.017	.43	.0663	1.68	63.3	22.9	1.12
.016	.41	.0673	1.71	65.2	20.2	.99
.015	.38	.0683	1.73	67.2	17.8	.87
.014	.36	.0693	1.76	69.2	15.4	.75

13 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.041	1.04	.0359	.91	21.8	152.1	7.42
.035	.89	.0419	1.06	29.7	107.4	5.24
.032	.81	.0449	1.14	34.1	93.2	4.55
.028	.71	.0489	1.24	40.4	70.1	3.42
.025	.64	.0519	1.32	45.5	55.2	2.70
.023	.58	.0539	1.37	49.1	46.3	2.26
.020	.51	.0569	1.45	54.7	34.7	1.70
.018	.46	.0589	1.50	58.6	28.0	1.37
.017	.43	.0599	1.52	60.6	24.8	1.21
.016	.41	.0609	1.55	62.7	22.0	1.07
.015	.38	.0619	1.57	64.8	19.3	.94
.014	.36	.0629	1.60	66.9	16.8	.82

14 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.041	1.04	.0304	.77	18.1	166.6	8.13
.035	.89	.0364	.92	26.0	117.2	5.72
.032	.81	.0394	1.00	30.4	101.5	4.95
.028	.71	.0434	1.10	36.9	76.2	3.72
.025	.64	.0464	1.18	42.2	59.9	2.92
.023	.58	.0484	1.23	45.9	50.3	2.45
.020	.51	.0514	1.31	51.8	37.6	1.83
.018	.46	.0534	1.36	55.9	30.2	1.47
.017	.43	.0544	1.38	58.0	26.9	1.31
.016	.41	.0554	1.41	60.2	23.7	1.16
.015	.38	.0564	1.43	62.3	20.8	1.02
.014	.36	.0574	1.46	64.6	18.1	.88
.0135	.34	.0579	1.47	65.7	16.8	.82
.013	.33	.0584	1.48	66.8	15.6	.76
.012	.30	.0594	1.51	69.2	13.2	.65
.011	.28	.0604	1.53	71.5	11.1	.54
.010	.25	.0614	1.56	73.9	9.1	.44



12 Mesh, .020" (.508 mm) Wire Diameter

Square Mesh Wire Cloth (continued)

15 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.035	.89	.0317	.81	22.6	117.2	5.72
.032	.81	.0347	.88	27.1	101.5	4.95
.028	.71	.0387	.98	33.7	76.2	3.72
.025	.64	.0417	1.06	39.1	59.9	2.92
.023	.58	.0437	1.11	43.0	50.3	2.45
.020	.51	.0467	1.19	49.1	37.6	1.83
.018	.46	.0487	1.24	53.4	30.2	1.47
.017	.43	.0497	1.26	55.6	26.9	1.31
.016	.41	.0507	1.29	57.8	23.7	1.16
.015	.38	.0517	1.31	60.1	20.8	1.02
.014	.36	.0527	1.34	62.5	18.1	.88
.0135	.34	.0532	1.35	63.7	16.8	.82
.013	.33	.0537	1.36	64.9	15.6	.76
.012	.30	.0547	1.39	67.3	13.2	.65
.011	.28	.0557	1.41	69.8	11.1	.54
.010	.25	.0567	1.44	72.3	9.1	.44

16 Mesh

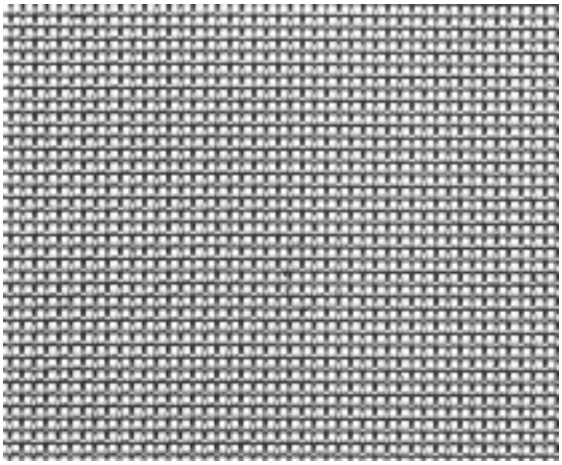
Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.035	.89	.0275	.70	19.4	137.9	6.73
.032	.81	.0305	.77	23.8	113.0	5.51
.028	.71	.0345	.88	30.5	84.4	4.12
.025	.64	.0375	.95	36.0	69.6	3.40
.023	.58	.0395	1.00	39.9	58.3	2.84
.020	.51	.0425	1.08	46.2	43.4	2.12
.018	.46	.0445	1.13	50.7	34.8	1.70
.017	.43	.0455	1.16	53.0	31.0	1.51
.016	.41	.0465	1.18	55.4	27.4	1.34
.015	.38	.0475	1.21	57.8	23.9	1.17
.014	.36	.0485	1.23	60.2	20.8	1.02
.0135	.34	.0490	1.24	61.5	19.3	.94
.013	.33	.0495	1.26	62.7	17.9	.87
.012	.30	.0505	1.28	65.3	15.1	.74
.011	.28	.0515	1.31	67.9	12.7	.62
.010	.25	.0525	1.33	70.6	10.5	.51
.0095	.24	.0530	1.35	71.9	9.5	.46

18 Mesh

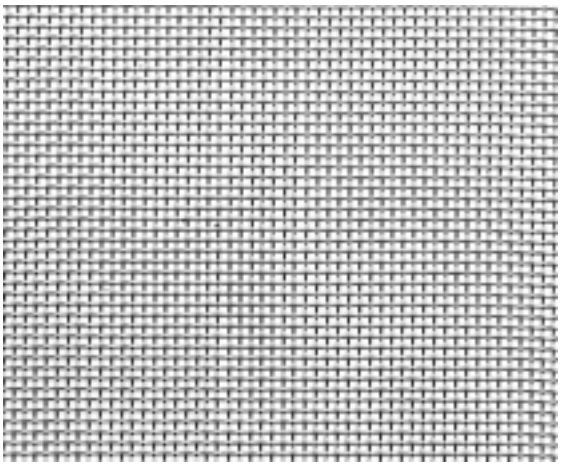
Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.035	.89	.0206	.52	13.7	160.0	7.81
.032	.81	.0236	.60	18.0	130.7	6.38
.028	.71	.0276	.70	24.7	97.0	4.74
.025	.64	.0306	.78	30.3	75.7	3.70
.023	.58	.0326	.83	34.4	66.6	3.25
.020	.51	.0356	.90	41.1	49.5	2.41
.018	.46	.0376	.96	45.8	39.6	1.93
.017	.43	.0386	.98	48.3	35.1	1.71
.016	.41	.0396	1.01	50.8	31.0	1.51
.015	.38	.0406	1.03	53.4	27.1	1.32
.014	.36	.0416	1.06	56.1	23.5	1.15
.0135	.34	.0421	1.07	57.4	21.8	1.06
.013	.33	.0426	1.08	58.8	20.2	.99
.012	.30	.0436	1.11	61.6	17.2	.84
.011	.28	.0446	1.13	64.4	14.3	.70
.010	.25	.0456	1.16	67.4	11.8	.58
.0095	.24	.0460	1.17	68.6	10.6	.52
.009	.23	.0466	1.18	70.4	9.6	.47

20 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.032	.81	.0180	.46	13.0	149.3	7.29
.028	.71	.0220	.56	19.4	110.4	5.39
.025	.64	.0250	.64	25.0	85.8	4.19
.023	.58	.0270	.69	29.2	71.5	3.49
.020	.51	.0300	.76	36.0	55.7	2.72
.018	.46	.0320	.81	41.0	44.5	2.17
.017	.43	.0330	.84	43.6	39.5	1.93
.016	.41	.0340	.86	46.2	34.7	1.70
.015	.38	.0350	.89	49.0	30.4	1.48
.014	.36	.0360	.91	51.8	26.4	1.29
.0135	.34	.0365	.93	53.3	24.4	1.19
.013	.33	.0370	.94	54.8	22.6	1.10
.012	.30	.0380	.97	57.8	19.2	.94
.011	.28	.0390	.99	60.8	16.1	.78
.010	.25	.0400	1.02	64.0	13.2	.65
.0095	.24	.0405	1.03	65.6	11.9	.58
.009	.23	.0410	1.04	67.2	10.6	.52



16 Mesh, .028" (.711 mm) Wire Diameter

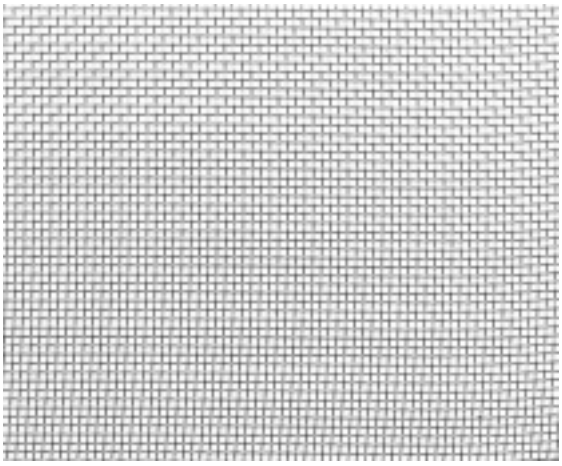


18 Mesh, .018" (.457 mm) Wire Diameter

Square Mesh Wire Cloth (continued)

22 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.028	.71	.0175	.44	14.8	124.4	6.07
.025	.64	.0205	.52	20.3	96.3	4.70
.023	.58	.0225	.57	24.5	80.1	3.91
.020	.51	.0255	.65	31.5	59.1	2.88
.018	.46	.0275	.70	36.6	49.6	2.42
.017	.43	.0285	.72	39.3	43.9	2.14
.016	.41	.0295	.75	42.1	38.6	1.88
.015	.38	.0305	.77	45.0	33.7	1.65
.014	.36	.0315	.80	48.0	29.2	1.42
.0135	.34	.0320	.81	49.6	27.1	1.32
.013	.33	.0325	.83	51.1	25.0	1.22
.012	.30	.0335	.85	54.3	21.2	1.03
.011	.28	.0345	.88	57.6	17.7	.86
.010	.25	.0355	.90	61.0	14.5	.71
.0095	.24	.0360	.91	62.7	13.1	.64
.009	.23	.0365	.93	64.5	11.7	.57



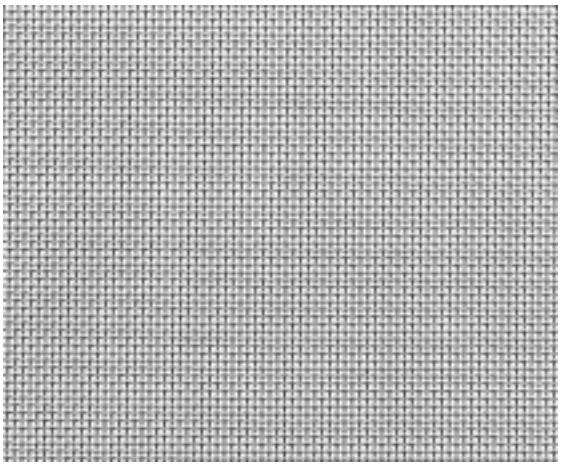
22 Mesh, .010" (.254 mm) Wire Diameter

24 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.025	.64	.0167	.42	16.1	107.4	5.24
.023	.58	.0187	.47	20.1	89.1	4.35
.020	.51	.0217	.55	27.1	65.4	3.19
.018	.46	.0237	.60	32.4	52.0	2.54
.017	.43	.0247	.63	35.1	48.5	2.37
.016	.41	.0257	.65	38.0	42.5	2.07
.015	.38	.0267	.68	41.1	37.1	1.81
.014	.36	.0277	.70	44.2	32.1	1.57
.0135	.34	.0282	.72	45.8	29.7	1.45
.013	.33	.0287	.73	47.4	27.5	1.34
.012	.30	.0297	.75	50.8	23.2	1.13
.011	.28	.0307	.78	54.3	19.4	.95
.010	.25	.0317	.81	57.9	16.0	.78
.0095	.24	.0322	.82	59.7	14.3	.70
.009	.23	.0327	.83	61.6	12.8	.63
.0085	.22	.0332	.84	63.5	11.4	.56
.008	.20	.0337	.86	65.4	10.1	.49
.0075	.19	.0342	.87	67.4	8.9	.43

26 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.020	.51	.0184	.50	22.8	72.0	3.51
.018	.46	.0205	.52	28.4	57.2	2.79
.017	.43	.0215	.55	31.2	53.1	2.59
.016	.41	.0225	.57	34.2	46.6	2.27
.015	.38	.0235	.60	37.3	40.6	1.98
.014	.36	.0245	.62	40.6	35.0	1.71
.0135	.34	.0250	.64	42.3	32.4	1.58
.013	.33	.0255	.65	44.0	30.0	1.46
.012	.30	.0265	.67	47.5	25.3	1.24
.011	.28	.0275	.70	51.1	21.1	1.03
.010	.25	.0285	.72	54.9	17.4	.85
.0095	.24	.0290	.74	56.9	15.7	.76
.009	.23	.0295	.75	58.8	13.9	.68
.0085	.22	.0300	.76	60.8	12.4	.61
.008	.20	.0305	.77	62.9	11.0	.54
.0075	.19	.0310	.79	65.0	9.6	.47



26 Mesh, .014" (.356 mm) Wire Diameter

28 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.018	.46	.0177	.45	24.6	62.4	3.05
.017	.43	.0187	.47	27.4	55.0	2.69
.016	.41	.0197	.50	30.4	50.8	2.48
.015	.38	.0207	.53	33.9	44.1	2.15
.014	.36	.0217	.55	36.9	38.1	1.86
.0135	.34	.0222	.56	38.6	35.2	1.72
.013	.33	.0227	.58	40.4	32.5	1.59
.012	.30	.0237	.60	44.0	27.5	1.34
.011	.28	.0247	.63	47.8	22.9	1.12
.010	.25	.0257	.65	51.8	18.8	.92
.0095	.24	.0262	.67	53.8	16.9	.82
.009	.23	.0267	.68	55.9	15.1	.74
.0085	.22	.0272	.69	58.0	13.4	.66
.008	.20	.0277	.70	60.2	11.9	.58
.0075	.19	.0282	.72	62.3	10.4	.51

30 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.017	.43	.0163	.41	23.9	59.8	2.92
.016	.41	.0173	.44	26.9	52.3	2.55
.015	.38	.0183	.46	30.1	47.9	2.34
.014	.36	.0193	.49	33.5	41.2	2.01
.0135	.34	.0198	.50	35.3	38.2	1.86
.013	.33	.0203	.52	37.1	35.1	1.71
.012	.30	.0213	.54	40.8	29.7	1.45
.011	.28	.0223	.57	44.8	24.7	1.21
.010	.25	.0233	.59	48.9	20.2	.99
.0095	.24	.0238	.60	51.0	18.2	.89
.009	.23	.0243	.62	53.1	16.3	.79
.0085	.22	.0248	.63	55.4	14.4	.70
.008	.20	.0253	.64	57.6	12.7	.62
.0075	.19	.0258	.66	59.9	11.2	.55
.0065	.17	.0266	.68	63.9	8.5	.42

32 Mesh

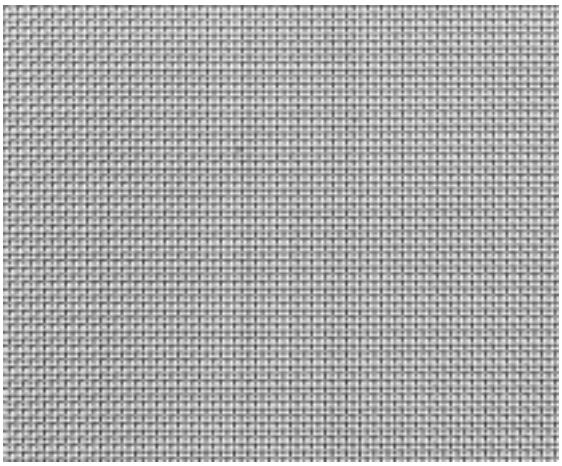
Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.016	.41	.0153	.39	24.0	56.5	2.76
.015	.38	.0163	.41	27.2	49.1	2.39
.014	.36	.0173	.44	30.6	44.4	2.17
.0135	.34	.0178	.45	32.4	41.1	2.01
.013	.33	.0183	.46	34.3	37.9	1.85
.012	.30	.0193	.49	38.1	31.9	1.56
.011	.28	.0203	.52	42.2	26.6	1.30
.010	.25	.0213	.54	46.5	21.7	1.06
.0095	.24	.0218	.55	48.7	19.5	.95
.009	.23	.0223	.57	50.9	17.5	.85
.0085	.22	.0228	.58	53.2	15.4	.75
.008	.20	.0233	.59	55.6	13.6	.67
.0075	.19	.0238	.60	58.0	11.9	.58
.007	.18	.0243	.62	60.5	10.4	.51

35 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.016	.41	.0126	.32	19.4	63.0	3.07
.015	.38	.0136	.35	22.7	54.6	2.67
.014	.36	.0146	.37	26.1	47.0	2.29
.0135	.34	.0151	.38	27.9	45.6	2.23
.013	.33	.0156	.40	29.8	42.0	2.05
.012	.30	.0166	.42	33.8	35.3	1.72
.011	.28	.0176	.45	37.9	29.3	1.43
.010	.25	.0186	.47	42.4	23.9	1.17
.0095	.24	.0191	.49	44.7	21.5	1.05
.009	.23	.0196	.50	47.1	19.2	.94
.0085	.22	.0201	.51	49.5	17.1	.83
.008	.20	.0206	.52	52.0	15.0	.73
.0075	.19	.0211	.54	54.5	13.1	.64
.007	.18	.0216	.55	57.2	11.4	.56

38 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.014	.36	.0123	.31	21.8	51.8	2.53
.0135	.34	.0128	.33	24.7	47.8	2.33
.013	.33	.0133	.34	25.5	44.0	2.15
.012	.30	.0143	.36	29.5	38.9	1.90
.011	.28	.0153	.39	33.8	32.2	1.57
.010	.25	.0163	.41	38.4	26.3	1.28
.0095	.24	.0168	.43	40.8	23.5	1.15
.009	.23	.0173	.44	43.2	21.0	1.02
.0085	.22	.0178	.45	45.8	18.7	.91
.008	.20	.0183	.46	48.4	16.5	.80
.0075	.19	.0188	.48	51.0	14.3	.70
.007	.18	.0193	.49	53.8	12.4	.61



28 Mesh, .018" (.457 mm) Wire Diameter

Square Mesh Wire Cloth (continued)

40 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.0135	.34	.0115	.29	21.2	53.5	2.61
.013	.33	.0120	.30	23.0	49.3	2.40
.012	.30	.0130	.33	27.0	41.3	2.02
.011	.28	.0140	.36	31.4	34.1	1.67
.010	.25	.0150	.38	36.0	27.9	1.36
.0095	.24	.0155	.39	38.4	24.9	1.22
.009	.23	.0160	.41	41.0	22.2	1.08
.0085	.22	.0165	.42	43.6	19.7	.96
.008	.20	.0170	.43	46.2	17.4	.85
.0075	.19	.0175	.44	49.0	15.1	.74
.007	.18	.0180	.46	51.8	13.1	.64
.0065	.17	.0185	.47	54.8	11.4	.56

42 Mesh

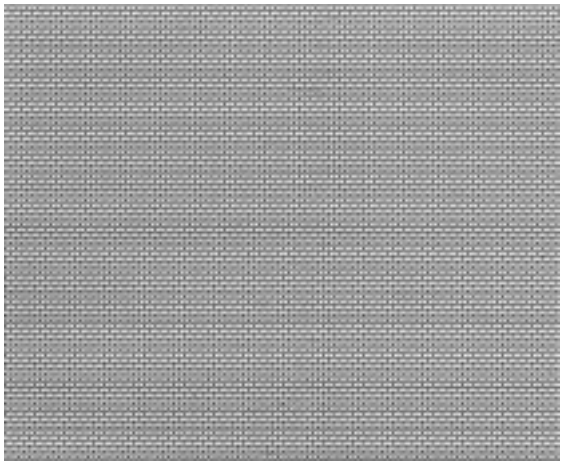
Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.0135	.34	.0103	.26	18.7	54.0	2.64
.013	.33	.0108	.27	20.6	52.3	2.55
.012	.30	.0118	.30	24.6	43.8	2.14
.011	.28	.0128	.33	28.9	36.2	1.76
.010	.25	.0138	.35	33.6	29.5	1.44
.0095	.24	.0143	.36	36.1	26.4	1.29
.009	.23	.0148	.38	38.6	23.5	1.15

45 Mesh

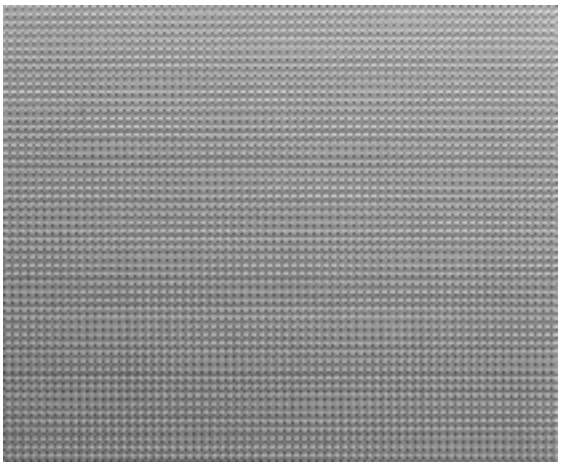
Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.013	.33	.0092	.23	17.1	54.1	2.64
.012	.30	.0102	.26	21.1	45.2	2.21
.011	.28	.0112	.28	25.4	37.3	1.82
.010	.25	.0122	.31	30.1	31.9	1.56
.0095	.24	.0127	.32	32.7	28.6	1.39
.009	.23	.0132	.34	35.3	25.4	1.24
.0085	.22	.0137	.35	38.0	22.5	1.10
.008	.20	.0142	.36	40.8	19.8	.97
.0075	.19	.0147	.37	43.8	17.3	.84

50 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.012	.30	.0080	.20	16.0	48.5	2.37
.011	.28	.0090	.23	20.2	37.3	1.82
.010	.25	.0100	.25	25.0	31.9	1.56
.0095	.24	.0105	.27	27.6	28.6	1.39
.009	.23	.0110	.28	30.2	27.3	1.33
.0085	.22	.0115	.29	33.1	24.3	1.19
.008	.20	.0120	.30	36.0	21.6	1.05
.0075	.19	.0125	.32	39.1	19.0	.92
.0065	.17	.0135	.34	44.3	14.2	.69



40 Mesh, .012" (.305 mm) Wire Diameter



50 Mesh, .010" (.254 mm) Wire Diameter

55 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.011	.28	.0072	.18	15.7	47.8	2.33
.010	.25	.0082	.21	20.3	38.6	1.88
.0095	.24	.0087	.22	22.9	34.3	1.68
.009	.23	.0092	.23	25.6	30.5	1.49
.0085	.22	.0097	.25	28.5	28.4	1.38
.008	.20	.0102	.26	31.5	24.8	1.21
.0075	.19	.0107	.27	34.6	21.6	1.05
.007	.18	.0112	.28	37.9	18.7	.91

60 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.011	.28	.0057	.14	11.7	53.4	2.61
.010	.25	.0067	.17	16.2	43.0	2.10
.0095	.24	.0072	.18	18.7	38.3	1.87
.009	.23	.0077	.20	21.3	33.8	1.65
.0085	.22	.0082	.21	24.2	29.9	1.46
.008	.20	.0087	.22	27.2	27.6	1.35
.0075	.19	.0092	.23	30.5	23.9	1.17
.007	.18	.0097	.25	33.9	20.6	1.01
.0065	.17	.0102	.26	37.5	17.6	.86
.006	.15	.0107	.27	41.2	14.8	.72

65 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.0075	.19	.0079	.20	26.4	26.3	1.28
.007	.18	.0084	.21	29.8	22.6	1.10
.0065	.17	.0089	.23	33.5	19.3	.94

70 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.009	.23	.0053	.13	13.8	41.1	2.01
.0085	.22	.0058	.15	16.5	36.2	1.76
.008	.20	.0063	.16	19.4	31.6	1.54
.0075	.19	.0068	.17	22.7	27.4	1.34
.007	.18	.0073	.19	26.1	23.5	1.15
.0065	.17	.0078	.20	29.8	21.0	1.02
.006	.15	.0083	.21	33.8	17.7	.86

75 Mesh

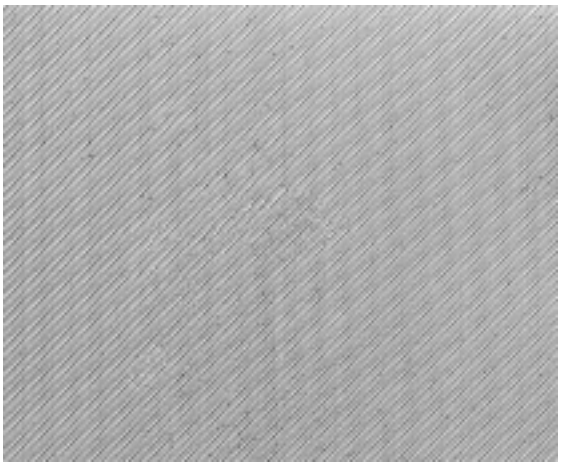
Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.007	.18	.0063	.16	22.3	25.5	1.25
.0065	.17	.0068	.17	26.0	22.8	1.11
.006	.15	.0073	.19	30.0	19.2	.94

80 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.0075	.19	.0050	.13	16.0	32.2	1.57
.007	.18	.0055	.14	19.4	27.7	1.35
.0065	.17	.0060	.15	23.0	23.4	1.14
.006	.15	.0065	.17	27.0	20.6	1.01
.0055	.14	.0070	.18	31.4	17.1	.83
.005	.13	.0075	.19	36.0	13.9	.68

90 Mesh

Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
.006	.15	.0051	.13	21.1	22.6	1.10
.0055	.14	.0056	.14	25.4	18.6	.91
.005	.13	.0061	.15	30.1	16.0	.78



80 Mesh, .007" (.178 mm) Wire Diameter

100 Mesh and Finer

Plain Weave

Meshes per Lineal Inch	Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
100	.0045	.114	.0055	.140	30.2	14.20	.69
105	.0030	.076	.0065	.165	46.6	5.72	.28
110	.0040	.102	.0051	.130	31.5	12.40	.61
120	.0037	.094	.0046	.117	30.5	10.20	.50
150	.0026	.066	.0041	.104	37.8	7.10	.35
160	.0025	.064	.0038	.097	37.0	7.00	.34
180	.0023	.058	.0033	.084	35.3	6.70	.33
200	.0021	.053	.0029	.074	33.6	6.30	.31
250	.0016	.041	.0024	.061	36.0	4.60	.22
325	.0011	.028	.0020	.051	42.2	2.86	.14
370	.0011	.028	.0016	.041	35.0	2.96	.14
400	.0009	.023	.0016	.041	41.0	2.16	.11

Twill Weave

Meshes per Lineal Inch	Diameter of Wire inch	Diameter of Wire mm	Width of Opening inch	Width of Opening mm	Open Area Percent (%)	Weight (Stainless Steel) 100 sq. feet (lbs.)	Weight (Stainless Steel) 1 sq. meter (kg)
100	.0050	.127	.0050	.127	25.0	16.90	.82
110	.0045	.114	.0046	.117	25.6	12.40	.61
120	.0040	.102	.0043	.109	26.6	10.20	.50
150	.0030	.076	.0037	.094	30.8	7.10	.35
160	.0028	.071	.0035	.089	31.4	7.00	.34
180	.0025	.064	.0031	.079	31.1	6.70	.33
200	.0023	.058	.0027	.069	29.2	6.30	.31
250	.0016	.041	.0024	.061	36.0	4.60	.22
270	.0016	.041	.0021	.053	32.1	4.29	.21
280	.0014	.036	.0022	.056	37.9	3.88	.19
300	.0012	.030	.0021	.053	39.7	3.07	.15
325	.0014	.036	.0017	.043	30.5	4.40	.21
400	.0010	.025	.0015	.038	36.0	2.45	.12
450	.0010	.025	.0012	.030	29.2	2.86	.14
510	.0010	.025	.0010	.025	26.0	3.27	.16
635	.0008	.020	.0008	.020	25.8	2.66	.13

Mesh Count Per Inch	Wire Diameter Inches	Wire Diameter mm	Mesh Opening Inches	Mesh Opening mm	Open Area %	Weight (Stainless Steel) 100 sq. feet (lbs.)	1 sq. meter (kg)
14 x 14	0.0090	0.2286	0.0620	1.5748	76.4	7.6	0.37
16 x 16	0.0090	0.2286	0.0535	1.3589	73.3	8.7	0.43
18 x 18	0.0090	0.2286	0.0466	1.1836	70.2	9.8	0.48
20 x 20	0.0090	0.2286	0.0410	1.0414	67.2	10.9	0.53
22 x 22	0.0075	0.1905	0.0380	0.9652	69.7	8.3	0.41
24 x 24	0.0075	0.1905	0.0342	0.8687	67.2	9.1	0.44
26 x 26	0.0075	0.1905	0.0310	0.7874	64.8	9.9	0.48
28 x 28	0.0075	0.1905	0.0282	0.7163	62.4	10.6	0.52
30 x 30	0.0065	0.1651	0.0268	0.6807	64.8	8.5	0.42
32 x 32	0.0065	0.1651	0.0248	0.6299	62.7	9.1	0.44
34 x 34	0.0065	0.1651	0.0229	0.5817	60.7	9.7	0.47
36 x 36	0.0065	0.1651	0.0213	0.5410	58.7	10.3	0.50
38 x 38	0.0065	0.1651	0.0198	0.5029	56.7	10.8	0.53
40 x 40	0.0065	0.1651	0.0185	0.4699	54.8	11.4	0.56
42 x 42	0.0055	0.1397	0.0183	0.4648	59.1	8.6	0.42
43 x 43	0.0050	0.1270	0.0183	0.4637	61.6	7.2	0.35
44 x 44	0.0055	0.1397	0.0172	0.4369	57.5	9.0	0.44
46 x 46	0.0045	0.1143	0.0172	0.4369	62.9	6.3	0.31
46 x 46	0.0055	0.1397	0.0162	0.4115	55.8	9.4	0.46
48 x 48	0.0045	0.1143	0.0163	0.4140	61.5	6.6	0.32
48 x 48	0.0055	0.1397	0.0153	0.3886	54.2	9.8	0.48
50 x 50	0.0045	0.1143	0.0155	0.3937	60.1	6.8	0.33
50 x 50	0.0055	0.1397	0.0145	0.3683	52.6	10.2	0.50
52 x 52	0.0055	0.1397	0.0137	0.3480	51.0	10.6	0.52
54 x 54	0.0040	0.1016	0.0145	0.3683	61.5	5.8	0.28
54 x 54	0.0055	0.1397	0.0130	0.3302	49.4	11.0	0.54
56 x 56	0.0040	0.1016	0.0138	0.3505	60.2	6.0	0.29
58 x 58	0.0040	0.1016	0.0132	0.3353	59.0	6.3	0.31
58 x 58	0.0045	0.1143	0.0127	0.3226	54.6	7.9	0.39
60 x 60	0.0040	0.1016	0.0127	0.3226	57.8	6.5	0.32
60 x 60	0.0045	0.1143	0.0122	0.3099	53.3	8.2	0.40
62 x 62	0.0040	0.1016	0.0121	0.3073	56.6	6.7	0.33
62 x 62	0.0045	0.1143	0.0116	0.2946	52.0	8.5	0.41
64 x 64	0.0045	0.1143	0.0111	0.2819	50.7	8.7	0.43
66 x 66	0.0040	0.1016	0.0112	0.2845	54.2	7.1	0.35
66 x 66	0.0045	0.1143	0.0107	0.2705	49.4	9.0	0.44
70 x 70	0.0037	0.0940	0.0106	0.2692	54.9	6.5	0.32
70 x 70	0.0040	0.1016	0.0103	0.2616	51.8	7.5	0.37
72 x 72	0.0037	0.0940	0.0102	0.2591	53.8	6.6	0.32
72 x 72	0.0040	0.1016	0.0099	0.2515	50.7	7.8	0.38
74 x 74	0.0037	0.0940	0.0098	0.2489	52.7	6.8	0.33
74 x 74	0.0040	0.1016	0.0095	0.2413	49.6	8.0	0.39
76 x 76	0.0037	0.0940	0.0095	0.2413	51.7	7.0	0.34
76 x 76	0.0040	0.1016	0.0092	0.2337	48.4	8.2	0.40
78 x 78	0.0037	0.0940	0.0091	0.2311	50.6	7.2	0.35
78 x 78	0.0040	0.1016	0.0088	0.2235	47.3	8.4	0.41
80 x 80	0.0037	0.0940	0.0088	0.2235	49.6	7.4	0.36
80 x 80	0.0040	0.1016	0.0085	0.2159	46.2	8.6	0.42
84 x 84	0.0035	0.0889	0.0084	0.2134	49.8	6.9	0.34
84 x 84	0.0040	0.1016	0.0079	0.2007	44.1	9.1	0.44
88 x 88	0.0035	0.0889	0.0079	0.2007	47.9	7.3	0.35
88 x 88	0.0040	0.1016	0.0074	0.1880	42.0	9.5	0.46
90 x 90	0.0035	0.0889	0.0076	0.1930	46.9	7.4	0.36
90 x 90	0.0040	0.1016	0.0071	0.1803	41.0	9.7	0.47
94 x 94	0.0035	0.0889	0.0071	0.1803	45.0	7.8	0.38
94 x 94	0.0040	0.1016	0.0066	0.1676	38.9	10.1	0.49
105 x 105	0.0030	0.0762	0.0065	0.1651	46.9	6.4	0.31
120 x 120	0.0026	0.0660	0.0057	0.1456	47.3	5.5	0.27
135 x 135	0.0023	0.0584	0.0051	0.1297	47.5	4.8	0.23
145 x 145	0.0022	0.0559	0.0047	0.1194	46.4	4.7	0.23
165 X 165	0.0019	0.0483	0.0042	0.1067	47.1	4.0	0.20
200 X 200	0.0016	0.0406	0.0034	0.0864	46.2	3.5	0.17
230 X 230	0.0014	0.0356	0.0029	0.0737	46.0	3.0	0.15

*Bolting cloth is principally used in sifting and screen printing applications; the typically smaller (finer) wire diameters yield a relatively light material with higher open area percentage than standard specifications.

Filter Cloth

Plain Dutch

Mesh Count	Wire Diameter warp in.	weft in.	warp mm	weft mm	Absolute Filter Rating (Microns)
80 x 400	.0049	.0028	.124	.071	40-45
50 x 250	.0055	.0045	.140	.114	58-63
40 x 200	.0070	.0055	.178	.140	70-75
30 x 150	.0090	.0070	.229	.178	95-100
24 x 110	.0150	.0100	.381	.254	115-125
20 x 150	.0098	.0070	.249	.178	150-160
14 x 88	.0200	.0130	.508	.330	220-240
12 x 95	.0134	.0110	.340	.279	250-260
12 x 64	.0240	.0165	.610	.419	270-290
8 x 85	.0140	.0126	.356	.320	320-340

Twill Dutch

Mesh Count	Wire Diameter warp in.	weft in.	warp mm	weft mm	Absolute Filter Rating (Microns)
510 x 3600	.0010	.0006	.025	.015	5-6
450 x 2750	.0010	.0008	.025	.020	6-7
325 x 2300	.0015	.0010	.038	.025	8-9
250 x 1400	.0022	.0016	.056	.041	11-12
200 x 1400	.0028	.0016	.071	.041	12-14
200 x 1100	.0028	.0020	.071	.051	15-19
165 x 1400	.0028	.0016	.071	.041	16-18
165 x 1100	.0028	.0020	.071	.051	20-24
165 x 800	.0028	.0020	.071	.051	24-26
200 x 600	.0024	.0018	.061	.046	28-32
80 x 700	.0040	.0030	.102	.076	35-38
120 x 600	.0040	.0025	.102	.064	40-45
120 x 400	.0040	.0025	.102	.064	50-55
40 x 560	.0070	.0040	.178	.102	70-75
30 x 360	.0098	.0060	.249	.152	90-100
20 x 250	.0098	.0079	.249	.201	110-120

Reverse Dutch

Mesh Count	Wire Diameter warp in.	weft in.	warp mm	weft mm	Absolute Filter Rating (Microns)
850 x 155	.0012	.0039	.030	.099	14-17
720 x 150	.0014	.0043	.036	.109	18-21
615 x 130	.0016	.0051	.041	.130	21-23
600 x 125	.0017	.0049	.043	.124	23-26
600 x 100	.0017	.0055	.043	.140	35-38
615 x 102	.0016	.0063	.041	.160	40-44
280 x 70	.0035	.0083	.089	.211	54-60
400 x 125	.0026	.0039	.066	.099	56-62
175 x 50	.0057	.0120	.145	.305	65-72
325 x 40	.0060	.0120	.152	.305	88-92
130 x 35	.0079	.0157	.201	.399	95-105
128 x 36	.0080	.0160	.203	.406	105-110
140 x 40	.0075	.0150	.191	.381	110-125
107 x 20	.0090	.0240	.229	.610	205-215
63 x 18	.0160	.0240	.406	.610	215-225

Bureau of Standards Sieve Number*	Specified Sieve Opening Microns	Inches	mm	Specified Wire Diameter in.	mm	Tolerances Permitted Average Opening	Wire Diameter	Maximum Opening
4	4760	.187	4.75	.050	1.27	±3%	-15% to +30%	10%
5	4000	.157	3.99	.044	1.12	±3%	-15% to +30%	10%
6	3360	.132	3.35	.040	1.02	±3%	-15% to +30%	10%
7	2830	.111	2.82	.036	.91	±3%	-15% to +30%	10%
8	2380	.0937	2.38	.0331	.84	±3%	-15% to +30%	10%
10	2000	.0787	2.00	.0299	.76	±3%	-15% to +30%	10%
12	1680	.0661	1.68	.0272	.69	±3%	-15% to +30%	10%
14	1410	.0555	1.41	.0240	.61	±3%	-15% to +30%	10%
16	1190	.0469	1.19	.0213	.54	±3%	-15% to +30%	10%
18	1000	.0394	1.00	.0189	.48	±3%	-15% to +30%	10%
20	840	.0331	.84	.0165	.42	±5%	-15% to +30%	25%
25	710	.0280	.71	.0146	.37	±5%	-15% to +30%	25%
30	590	.0232	.59	.0130	.33	±5%	-15% to +30%	25%
35	500	.0197	.50	.0114	.29	±5%	-15% to +30%	25%
40	420	.0165	.42	.0098	.25	±5%	-15% to +30%	25%
45	350	.0138	.35	.0087	.22	±5%	-15% to +30%	25%
50	297	.0117	.30	.0074	.19	±6%	-15% to +35%	40%
60	250	.0098	.25	.0064	.16	±6%	-15% to +35%	40%
70	210	.0083	.21	.0055	.14	±6%	-15% to +35%	40%
80	177	.0070	.18	.0057	.14	±6%	-15% to +35%	40%
100	149	.0059	.15	.0040	.10	±6%	-15% to +35%	40%
120	125	.0049	.12	.0034	.09	±6%	-15% to +35%	40%
140	105	.0041	.10	.0029	.07	±8%	-15% to +35%	60%
170	88	.0035	.09	.0025	.06	±8%	-15% to +35%	60%
200	74	.0029	.07	.0021	.05	±8%	-15% to +35%	60%
230	63	.0024	.06	.0018	.05	±8%	-15% to +35%	90%
270	53	.0021	.05	.0016	.04	±8%	-15% to +35%	90%
325	44	.0017	.04	.0014	.04	±8%	-15% to +35%	90%

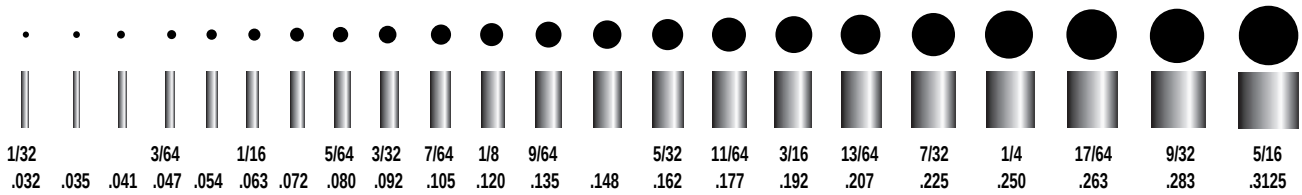
*Specifications adopted by U.S. Bureau of Standards & American Society for Testing Materials. Sieve numbers do not refer to mesh count, sieve numbers are arbitrary designations that refer to specific opening sizes.

Diameter of Wire by Different Gauges

Table Showing Diameter of Wire by Different Gauges in Decimal Parts of an Inch

Wire Gauge Number	Industrial Standard		Weight Per 100 L.F. (30.48 Meters) in Steel		Other Gauge Conversion Tables (Inches)			
	Inches	mm	Lbs.	Kg.	W&M	BIS	A/B&S	BS
000000	.460	11.68	57.12	26.13	—	—	—	—
00000	.430	10.92	50.00	22.71	—	—	—	—
0000	.393	9.98	42.78	19.43	—	.454	.460	.454
000	.362	9.19	36.38	16.52	—	.425	.40964	.425
00	.331	8.41	33.00	14.99	—	.380	.3648	.380
0	.307	7.80	25.14	11.403313	.3065	.324	.3249	.340
1	.283	7.19	21.36	9.688734	.2830	.300	.2893	.300
2	.263	6.68	18.45	8.368780	.2625	.276	.2576	.284
3	.250	6.35	16.67	7.561385	.2437	.252	.2294	.259
4	.225	5.72	13.50	6.123497	.2253	.232	.2043	.238
5	.207	5.26	11.43	5.184561	.2070	.212	.1819	.220
6	.192	4.88	9.832	4.459720	.1920	.192	.1620	.203
7	.177	4.50	8.356	3.790218	.1770	.176	.1442	.180
8	.162	4.11	7.000	3.175147	.1620	.160	.1284	.165
9	.148	3.76	5.842	2.649887	.1483	.144	.1144	.148
10	.135	3.43	4.861	2.204913	.1350	.128	.1018	.134
11	.120	3.05	3.841	1.742248	.1205	.116	.0907	.120
12	.105	2.67	2.941	1.334015	.1055	.104	.0808	.109
13	.092	2.34	2.258	1.024212	.0915	.092	.0719	.095
14	.080	2.03	1.707	0.774282	.0800	.080	.0640	.083
15	.072	1.83	1.383	0.627318	.0720	.072	.0570	.072
16	.063	1.60	1.059	0.480354	.0625	.064	.0508	.065
17	.054	1.37	.7778	0.352804	.0540	.056	.0452	.058
18	.047	1.19	.5892	0.267257	.0475	.048	.0403	.049
19	.041	1.04	.4484	0.203391	.0410	.040	.0358	.042
20	.035	.89	.3267	0.148189	.0348	.036	.0319	.035
21	.032	.81	.2731	0.123876	.0317	.033	.0284	.032
22	.028	.71	.2091	0.094846	.0286	.028	.0253	.028
23	.025	.64	.1667	0.075614	.0258	.024	.0225	.025
24	.023	.58	.1411	0.064002	.0230	.022	.0201	.022
25	.020	.51	.1067	0.048398	.0204	.020	.0179	.020
26	.018	.46	.08642	0.039199	.0181	.018	.0159	.018
27	.017	.432	.07708	0.034963	.0173	.0164	.0141	.016
28	.016	.406	.06828	0.030971	.0162	.0148	.0126	.014
29	.015	.381	.06001	0.060010	.0150	.0136	.0112	.013
30	.014	.356	.05228	0.023714	.0140	.0124	.0100	.012
31	.0135	.343	.04861	0.022049	.0132	.0116	.0089	.010
32	.013	.330	.04508	0.020448	.0128	.0108	.0079	.009
—	.012	.305	.03841	0.017422	.305	—	—	—
33	.011	.279	.03227	0.014637	.0118	.0100	.0070	.008
34	.010	.254	.02667	0.012097	.0104	.0092	.0063	.007
35	.0095	.241	.02407	0.010918	.0095	.0084	.0056	.005
36	.009	.229	.02160	0.009798	.0090	.0076	.005	.004
37	.0085	.216	.01927	0.008741	.0085	.0068	.0044	—
38	.008	.203	.01707	0.007743	.0080	.0060	.0039	—
39	.0075	.191	.01500	0.006804	.0075	.0052	.0035	—
40	.007	.178	.01307	0.005928	.0070	.0048	.0031	—
—	.0065	.165	.01127	0.005112	—	—	—	—
—	.006	.152	.009602	0.004355	—	—	—	—
—	.0055	.140	.008068	0.003660	—	—	—	—
—	.005	.127	.006668	0.003025	—	—	—	—
—	.0045	.114	.005401	0.002450	—	—	—	—
—	.004	.102	.004268	0.001936	—	—	—	—
—	.0035	.089	.003267	0.001482	—	—	—	—
—	.003	.076	.002400	0.001089	—	—	—	—

Wire Diameter — Actual Size



Methods of Calculating the Weight of Wire Cloth

Weight conversion factors

To find the approximate weight of wire cloth, multiply the weight of stainless steel as listed in the wire cloth tables by the appropriate factor listed below.

Aluminum (EC0 and 1100)	.339
Aluminum (5056)	.328
Brass, cartridge (70/30)	1.065
Brass, low (80/20)	1.083
Bronze, comm. (90/10)	1.010
Bronze, phosphor (A)	1.107
Carpenter® 20CB3	1.010
Copper	1.114
Gold	2.415
Haynes® 25 (L605)	1.142
Hastelloy® B	1.155
Hastelloy® C	1.117
Hoskins 502	1.993
Inconel® 600	1.052
Incoloy® 800	.994
Molybdenum	1.277
Monel® 400	1.103
Nichrome®	1.031
Nichrome® I	1.010
Nichrome® V	1.052
Nickel 200	1.110
Platinum	2.681
Silver	1.311
Stainless steel (302, 304, 316, 347)	1.000
Stainless steel (410, 430)	.990
Steel (1008)	.985
Steel (1042)	.980
Tantalum	2.072
Titanium	.561
Tungsten	2.401

NOTE: The following registered trademarks are recognized — Hastelloy and Haynes: Haynes International, Inc.; Inconel and Monel: the Inco family of companies; Nichrome: Driver-Harris Co.

Calculating Clear Opening, Wire Diameter, Center-to-Center Distance, and Open Area Percentage

M = Mesh count (number of wires per lineal inch)
D = Wire diameter
C = Center to center distance, wire to wire
A = Clear opening between wires

$$C = \frac{1}{M} \qquad A = C - D$$

$$\text{Open Area Percent} = (M \times A)^2 \times 100$$

Example: 4 Mesh/.063" Dia. Wire

$$C = \frac{1}{4} = .250"$$

$$A = .250" - .063 = .187"$$

$$\text{Open Area Percent} = (4 \times .187)^2 \times 100 = 56\%$$

Metric Users

Because 'mesh count' has a direct functional relationship to 1 inch, use the conversion tables on the following pages to convert all metric measurements to inches before using the equations above to perform calculations. The equations below are formulated for metric calculations.

Opening [mm] = (25.4/mesh count) - wire diameter [mm]

Mesh Count = 25.4/(opening [mm] + wire diameter [mm])

$$\text{Open Area Percent} = \frac{\text{opening [mm]}^2}{(\text{opening [mm]} + \text{wire diameter [mm]})^2} \times 160$$

AREA: To convert inches^2 to mm^2, multiply inches^2 x 6.4516
To convert feet^2 to m^2, multiply feet^2 x 9.290304

Conversion Chart

- **Fractional Inches**
- **Decimal Inches**
- **Millimeters**

Fractional Inches	Decimal Inches	Millimeters
1/64"	.015625	0.397
1/32"	.03125	0.794
3/64"	.046875	1.191
1/16"	.0625	1.588
5/64"	.078125	1.984
3/32"	.09375	2.381
7/64"	.109375	2.778
1/8"	.125	3.175
9/64"	.140625	3.572
5/32"	.15625	3.969
11/64"	.171875	4.366
3/16"	.1875	4.763
13/64"	.203125	5.159
7/32"	.21875	5.556
15/64"	.234375	5.953
1/4"	.250	6.350
17/64"	.265625	6.747
9/32"	.28125	7.144
19/64"	.296875	7.540
5/16"	.3125	7.938
21/64"	.328125	8.334
11/32"	.34375	8.73
23/64"	.359375	9.128
3/8"	.375	9.525
25/64"	.390625	9.922
13/32"	.40625	10.319
27/64"	.421875	10.716
7/16"	.4375	11.113
29/64"	.453125	11.509
15/32"	.46875	11.906
31/64"	.484375	12.303
1/2"	.500	12.700
33/64"	.515625	13.097

Fractional Inches	Decimal Inches	Millimeters
17/32"	.53125	13.494
35/64"	.546875	13.891
9/16"	.5625	14.288
37/64"	.578125	14.684
19/32"	.59375	15.081
39/64"	.609375	15.478
5/8"	.625	15.875
41/64"	.640625	16.272
21/32"	.65625	16.669
43/64"	.671875	17.006
11/16"	.6875	17.463
45/64"	.703125	17.859
23/32"	.71875	18.256
47/64"	.734375	18.653
3/4"	.750	19.050
49/64"	.765625	19.447
25/32"	.781250	19.844
51/64"	.796875	20.241
13/16"	.8125	20.638
53/64"	.828125	21.034
27/32"	.84375	21.431
55/64"	.859375	21.828
7/8"	.8750	22.225
57/64"	.890625	22.622
29/32"	.90625	23.019
59/64"	.921875	23.416
13/16"	.9375	23.813
61/64"	.953125	24.209
31/32"	.96875	24.606
63/64"	.984375	25.003
1"	1.000	25.400

METRIC EQUIVALENTS:
WEIGHT: 1 kilogram = 2.2016 lbs
1 lb = 0.4536 kilogram
To convert lb to kg, multiply lb x .4536

Lineal Measure Conversion Charts

TO CONVERT FROM:
Inches to mm, multiply in. x 25.4
Feet to meters, multiply ft. x .03048

1 millimeter = .03937 inch
1 centimeter = .3937 inch
1 meter = 39.37 inch

Millimeters to Inches		Millimeters to Inches	
mm	in.	mm	in.
1	0.03937	51	2.00787
2	0.07874	52	2.04724
3	0.11811	53	2.08661
4	0.15748	54	2.12598
5	0.19685	55	2.16535
6	0.23622	56	2.20472
7	0.27559	57	2.24409
8	0.31496	58	2.28346
9	0.35433	59	2.32283
10	0.39370	60	2.36220
11	0.43307	61	2.40157
12	0.47244	62	2.44094
13	0.51181	63	2.48031
14	0.55118	64	2.51968
15	0.59055	65	2.55905
16	0.62992	66	2.59842
17	0.66929	67	2.63779
18	0.70866	68	2.67716
19	0.74803	69	2.71653
20	0.78740	70	2.75590
21	0.82677	71	2.79527
22	0.86614	72	2.83464
23	0.90551	73	2.87401
24	0.94488	74	2.91338
25	0.98425	75	2.95275
26	1.02362	76	2.99212
27	1.06299	77	3.03149
28	1.10236	78	3.07086
29	1.14173	79	3.11023
30	1.18110	80	3.14960
31	1.22047	81	3.18897
32	1.25984	82	3.22834
33	1.29921	83	3.26771
34	1.33858	84	3.30708
35	1.37795	85	3.34645
36	1.41732	86	3.38582
37	1.45669	87	3.42519
38	1.49606	88	3.46456
39	1.53543	89	3.50393
40	1.57480	90	3.54330
41	1.61417	91	3.58267
42	1.65354	92	3.62204
43	1.69291	93	3.66141
44	1.73228	94	3.70078
45	1.77136	95	3.74015
46	1.81102	96	3.77952
47	1.85039	97	3.81889
48	1.88976	98	3.85826
49	1.92913	99	3.89763
50	1.96850	100	3.93700

Inches to Millimeters		Inches to Millimeters	
mm	in.	mm	in.
1	25.4	51	1295.4
2	50.8	52	1320.8
3	76.2	53	1346.2
4	101.6	54	1371.6
5	127.0	55	1397.0
6	152.4	56	1422.4
7	177.8	57	1447.8
8	203.2	58	1473.2
9	228.6	59	1498.6
10	254.0	60	1524.0
11	279.4	61	1549.4
12	304.8	62	1574.8
13	330.2	63	1600.2
14	355.6	64	1625.6
15	381.0	65	1651.0
16	406.4	66	1676.4
17	431.8	67	1701.8
18	457.2	68	1727.2
19	482.6	69	1752.6
20	508.0	70	1778.0
21	533.4	71	1803.4
22	558.8	72	1828.8
23	584.2	73	1854.2
24	609.6	74	1879.6
25	635.0	75	1905.0
26	660.4	76	1930.4
27	685.8	77	1955.8
28	711.2	78	1981.2
29	737.6	79	2006.6
30	762.0	80	2032.0
31	787.4	81	2057.4
32	812.8	82	2082.8
33	838.2	83	2108.2
34	836.6	84	2133.6
35	89.0	85	2159.0
36	914.4	86	2184.4
37	939.8	87	2209.8
38	965.2	88	2235.2
39	990.6	89	2260.6
40	1016.0	90	2286.0
41	1041.4	91	2311.4
42	1066.8	92	2336.8
43	1092.2	93	2362.2
44	1117.6	94	2387.6
45	1143.0	95	2413.0
46	1168.4	96	2438.4
47	1193.8	97	2463.8
48	1219.2	98	2489.2
49	1244.6	99	2514.6
50	1270.0	100	2540.0

Feet to Inches to Millimeters			Feet to Inches to Millimeters		
Feet	Inches	mm	Feet	Inches	mm
1	12	304.8	51	612	15544.8
2	24	609.6	52	624	15849.6
3	36	914.4	53	636	16154.4
4	48	1219.2	54	648	16459.2
5	60	1524.0	55	660	16764.0
6	72	1828.8	56	672	17068.8
7	84	2133.6	57	684	17373.6
8	96	2438.4	58	696	17678.4
9	108	2743.2	59	708	17983.2
10	120	3048.0	60	720	18288.0
11	132	3352.8	61	732	18592.8
12	144	3657.6	62	744	18897.6
13	156	3962.4	63	756	19202.4
14	168	4267.2	64	768	19507.2
15	180	4572.0	65	780	19812.0
16	192	4876.8	66	792	20116.8
17	204	5181.6	67	804	20421.6
18	216	5486.4	68	816	20726.4
19	228	5791.2	69	828	21031.2
20	240	6096.0	70	840	21336.0
21	252	6400.8	71	852	21640.8
22	264	6705.6	72	864	21945.6
23	276	7010.4	73	876	22250.4
24	288	7315.2	74	888	22555.2
25	300	7620.0	75	900	22860.0
26	312	7924.8	76	912	23164.8
27	324	8229.6	77	924	23469.6
28	336	8534.4	78	936	23774.4
29	348	8839.2	79	948	24079.2
30	360	9144.0	80	960	24384.0
31	372	9448.8	81	972	24688.8
32	384	9753.6	82	984	24993.6
33	396	10058.4	83	996	25298.4
34	408	10363.2	84	1008	25603.2
35	420	10668.0	85	1020	25908
36	432	10972.8	86	1032	26212.8
37	444	11277.6	87	1044	26517.6
38	456	11582.4	88	1056	26822.4
39	468	11887.2	89	1068	27127.2
40	480	12192.0	90	1080	27432.0
41	492	12496.8	91	1092	27736.8
42	504	12801.6	92	1104	28041.6
43	516	13106.4	93	1116	28346.4
44	528	13411.2	94	1128	28651.2
45	540	13716.0	95	1140	28956.0
46	552	14020.8	96	1152	29260.8
47	564	14325.6	97	1164	29565.6
48	576	14630.4	98	1176	29870.4
49	588	14935.2	99	1188	30175.2
50	600	15240.0	100	1200	30480.0

Temperature Conversion Chart

For temperatures not given in table, or to convert to other temperature scales, use the following:

°C = (°F – 32) x 5/9 °F = (°C x 9/5) + 32 °K = °C + 273

Temperature Scale	Water Boiling Point	Water Freezing Point	Absolute Zero
°F (Fahrenheit)	212°F	32°F	–459°F
°C (Celsius or Centigrade)	100°C	0°C	–273°C
°K (Kelvin-absolute)	373°K	273°K	0°K

Fahrenheit	Celsius
100	37.8
125	51.7
150	65.6
175	79.4
200	93.3
225	107.2
250	121.1
275	135.0
300	148.9
325	162.8
350	176.7
375	190.6
400	204.4
425	218.3
450	232.2
475	246.1
500	260.0
525	273.9
550	287.8
575	301.7
600	315.6
625	329.4
650	343.3
675	357.2
700	371.1
725	385.0
750	398.9
775	412.8
800	426.7
825	440.6
850	454.4
875	468.3
900	482.2
925	496.1
950	510.0
975	523.9
1000	537.8
1025	551.7
1050	565.6

Fahrenheit	Celsius
1075	579.4
1100	593.3
1125	607.2
1150	621.1
1175	635.0
1200	648.9
1225	662.8
1250	676.7
1275	690.6
1300	704.4
1325	718.3
1350	732.2
1375	746.1
1400	760.0
1425	773.9
1450	787.8
1475	801.7
1500	815.6
1525	829.4
1550	843.3
1575	857.2
1600	871.1
1625	885.0
1650	898.9
1675	912.8
1700	926.7
1725	940.6
1750	954.4
1775	968.3
1800	982.2
1825	996.1
1850	1010.0
1875	1023.9
1900	1037.8
1925	1051.7
1950	1065.6
1975	1079.4
2000	1093.3
2025	1107.2

Fahrenheit	Celsius
2050	1121.1
2075	1135.0
2100	1148.9
2125	1162.8
2150	1176.7
2175	1190.6
2200	1204.4
2225	1218.3
2250	1232.2
2275	1246.1
2300	1260.0
2325	1273.9
2350	1287.8
2375	1301.7
2400	1315.6
2425	1329.4
2450	1343.3
2475	1357.2
2500	1371.1
2525	1385.0
2550	1398.9
2575	1412.8
2600	1426.7
2625	1440.6
2650	1454.4
2675	1468.3
2700	1482.2
2725	1496.1
2750	1510.0
2775	1523.9
2800	1537.8
2825	1551.7
2850	1565.6
2875	1579.4
2900	1593.3
2925	1607.2
2950	1621.1
2975	1635.0
3000	1635.0

Composition

Type	UNS designation	Composition, %(a) C	Mn	Si	Cr	Ni	P	S	Other
Austenitic									
304	S30400	0.08	2.00	1.00	18.0 – 20.0	8.0 – 10.5	0.045	0.03	
304H	S30409	0.04–0.10	2.00	1.00	18.0 – 20.0	8.0 – 10.5	0.045	0.03	
304L	S30403	0.03	2.00	1.00	18.0 – 20.0	8.0 – 12.0	0.045	0.03	
309	S30900	0.20	2.00	1.00	22.0 – 24.0	12.0 – 15.0	0.045	0.03	
310	S31000	0.25	2.00	1.50	24.0 – 26.0	19.0 – 22.0	0.045	0.03	
316	S31600	0.08	2.00	1.00	16.0 – 18.0	10.0 – 14.0	0.045	0.03	2.0–3.0 Mo
316H	S31609	0.04–0.10	2.00	1.00	16.0 – 18.0	10.0 – 14.0	0.045	0.03	2.0–3.0 Mo
316L	S31603	0.03	2.00	1.00	16.0 – 18.0	10.0 – 14.0	0.045	0.03	2.0–3.0 Mo
321	S32100	0.08	2.00	1.00	17.0 – 19.0	9.0 – 12.0	0.045	0.03	5 x %C min Ti
330	N08330	0.08	2.00	0.75–1.5	17.0 – 20.0	34.0 – 37.0	0.040	0.03	
347	S34700	0.08	2.00	1.00	17.0 – 19.0	9.0 – 13.0	0.045	0.03	10 x %C min Nb
Ferritic									
430	S43000	0.12	1.00	1.00	16.0 – 18.0		0.040	0.03	
Martensitic									
410	S41000	0.15	1.00	1.00	11.5 – 13.5		0.040	0.03	

(a) Single values are maximum values unless otherwise indicated.

Typical physical properties, annealed condition

Type	Density g/cm³ (lb/in.³)	Elastic modulus GPa (10⁶psi)	Mean CTE from 0°C (32°F) to: 100°C (212°F) µm/m·°C (µin./in.·°F)	315°C (600°F) µm/m·°C (µin./in.·°F)	538°C (1000°F) µm/m·°C (µin./in.·°F)	Thermal conductivity at 100°C (212°F) W/m·K (Btu/ft·h·°F)	at 500°C (932°F) W/m·K (Btu/ft·h·°F)	Specific heat(a) J/kg·K (Btu/lb·°F)	Electrical resistivity, nΩ·m	Magnetic perme-ability(b)	Melting range °C (°F)
304	8.0 (0.29)	193 (28.0)	17.2 (9.6)	17.8 (9.9)	18.4 (10.2)	16.2 (9.4)	21.5 (12.4)	500 (0.12)	720	1.02	1400–1450 (2550-2650)
309	8.0 (0.29)	200 (29.0)	15.0 (8.3)	16.6 (9.2)	17.2 (9.6)	15.6 (9.0)	18.7 (10.8)	500 (0.12)	780	1.02	1400–1450 (2550-2650)
310	8.0 (0.29)	200 (29.0)	15.9 (8.8)	16.2 (9.0)	17.0 (9.4)	14.2 (8.2)	18.7 (10.8)	500 (0.12)	780	1.02	1400–1450 (2550-2650)
316	8.0 (0.29)	193 (28.0)	15.9 (8.8)	16.2 (9.0)	17.5 (9.7)	16.2 (9.4)	21.5 (12.4)	500 (0.12)	740	1.02	1375–1400 (2500-2550)
321	8.0 (0.29)	193 (28.0)	16.6 (9.2)	17.2 (9.6)	18.6 (10.3)	16.1 (9.3)	22.2 (12.8)	500 (0.12)	720	1.02	1400–1425 (2550-2600)
330	8.0 (0.29)	196 (28.5)	14.4 (8.0)	16.0 (8.9)	16.7 (9.3)			460 (0.11)	1020	1.02	1400–1425 (2550-2600)
347	8.0 (0.29)	193 (28.0)	16.6 (9.2)	17.2 (9.6)	18.6 (10.3)	16.1 (9.3)	22.2 (12.8)	500 (0.12)	730	1.02	1400–1425 (2550-2600)
410	7.8 (0.28)	200 (29.0)	9.9 (5.5)	11.4 (6.3)	11.6 (6.4)	24.9 (14.4)	28.7 (16.6)	460 (0.11)	570	700–1000	1480–1530 (2700-2790)

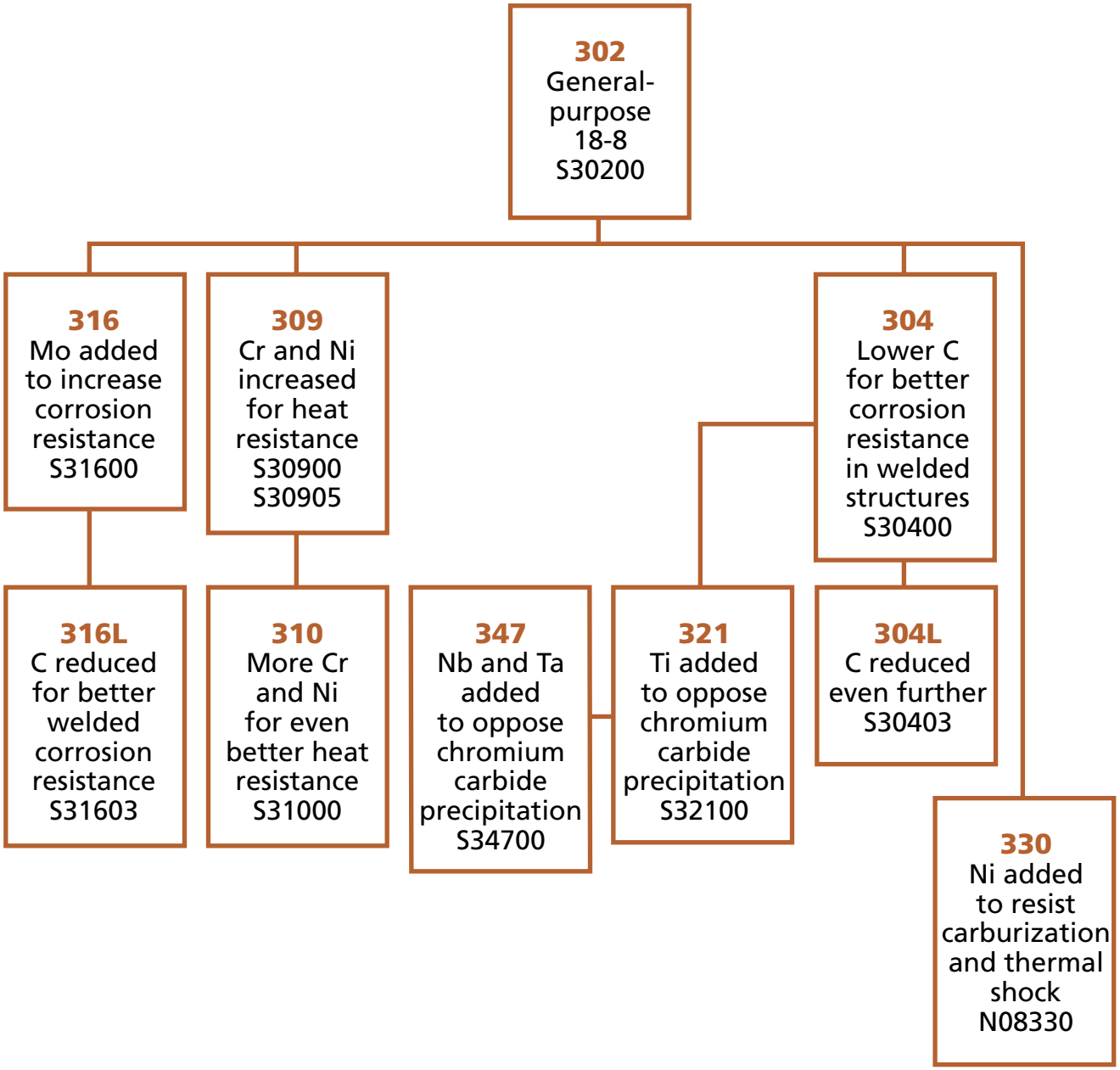
CTE, coefficient of thermal expansion. (a) At 0 to 100 °C (32 to 212 °F). (b) Approximate values

Resistance to various classes of environments

Type	Mild atmo-spheric and fresh water	ATMOSPHERIC Industrial	Marine	Salt Water	CHEMICAL Mild	Oxidizing	Reducing
Austenitic							
304	X	X	X		X	X	
304H	X	X	X		X	X	
304L	X	X	X		X	X	
309	X	X	X		X	X	
310	X	X	X		X	X	
316	X	X	X	X	X	X	X
316H	X	X	X	X	X	X	X
316L	X	X	X	X	X	X	X
321	X	X	X		X	X	
321H	X	X	X		X	X	
330	X	X	X	X	X	X	X
347	X	X	X		X	X	
Ferritic							
430	X	X			X	X	
Martensitic							
410	X				X		

An X notation indicates that the specific type may be considered for application in the corrosive environment.

Family relationships for standard austenitic stainless steels



Specialty Alloys For Wire Cloth

Cleveland Wire Cloth manufactures wire cloth from a variety of metals and alloys, depending on our customers' specific needs. The environment in which the wire cloth will be used is usually the most important factor in determining the material to be used.

For example, certain alloys can provide resistance to corrosive or oxidating environments, while others offer enhanced strength, abrasion resistance or the ability to withstand extreme temperatures. The color or appearance of the wire cloth is still another consideration when it is used for architectural or other design purposes.

Cleveland Wire Cloth has many of these materials available from stock. The following descriptions provide a general guideline to their most important features. Our engineering staff provides expert design assistance to ensure the most suitable materials are chosen.

Other metals and alloys may be available on request.

Corrosion-Resistant Alloys

CARPENTER® 20Cb-3®
[(UNS N08020) Ni 35%, Fe 37%, Cr 20%, Cu 3.5%, Mo 2.5%]
Provides outstanding resistance to stress-corrosion cracking, crevice corrosion, intergranular attack and pitting. Because of its strong resistance to chlorides and sulfuric, phosphoric and nitric acids, it has broad application across many industries including pharmaceutical production, pickling tanks, synthetic rubber, gas scrubbers and pumps.

HASTELLOY® alloy B-2
[(UNS N10655) Ni 68%, Mo 28%, Fe 2%, Co 1%, Cr 1%]
Offers superior resistance to a wide range of organic acids, as well as hydrochloric acid, sulfuric acid and aluminum chloride. Resists stress-corrosion cracking. Favored by the chemical processing industry, it can function in temperatures ranging from ambient to 1500°F.

HASTELLOY® alloy C-276
[(UNS N10276) Ni 57%, Mo 16%, Cr 15.5%, Fe 5.5%]
Particularly suitable for use in corrosive environments where reducing and oxidizing are common. Resists localized attack, pitting and stress corrosion cracking. In wide use in the pulp and paper industries, as well as pollution control and chemical processing.

INCONEL® alloy 600
[(UNS N06600) Ni 76.0%, Cr 15.5%, Fe 8.0%]
Ideal for use in high-temperature environments (up to 2150°F.) that also pose the threat of oxidizing, reducing and corrosion. Offers superior resistance due to its high nickel and chromium content. Because of these properties, it is often specified for nuclear steam generator equipment, heat treating equipment and furnace muffles. Also used for electronic components and chemical and food processing.

MONEL® alloy 400
[(UNS N04400) Ni 66.5%, Cu 31.5%]
An extremely versatile alloy, used in a wide range of applications including electrical and electronic components, water heaters and heat exchangers, processing equipment, the petroleum industry, marine fixtures, and valves and pumps. Suitable for use across a wide range of temperatures and conditions, it offers excellent corrosion resistance, high strength and easy weldability.

Nickel 200/201
[(UNS N02200/N02201) Ni 99.6%, C 0.08%]
Well-suited to operating temperatures over 600°F, this commercially pure nickel product will resist a wide range of corrosives. Because of its excellent mechanical characteristics, it has wide application in the electronic and aerospace industries. Also suitable for chemical and caustic handling equipment and piping, magnetostrictive devices and food processing equipment.

Carpenter 20 is a registered trademark name of Carpenter Technology Corp.
Hastelloy B and Hastelloy C are registered trademark names of Haynes International, Inc.
Inconel 600 and Monel 400 are registered trademark names of Inco Companies

Heat-Resistant Alloys

HASTELLOY® alloy X (HX)
[(UNS N06002) Ni 47.5%, Cr 21.8%, Fe 18.5%, Ni 9.0%]
Provides optimum balance of strength, oxidation resistance, welding characteristics and fabricability, at temperatures up to 2200°F. Particularly suitable in reducing and neutral atmospheres, and where ductility is required after prolonged service at elevated temperatures. Resists stress-corrosion cracking in petrochemical applications. Used in gas turbine engine combustors, heat treating equipment, flame holders, furnace baffles, and aircraft and marine applications.

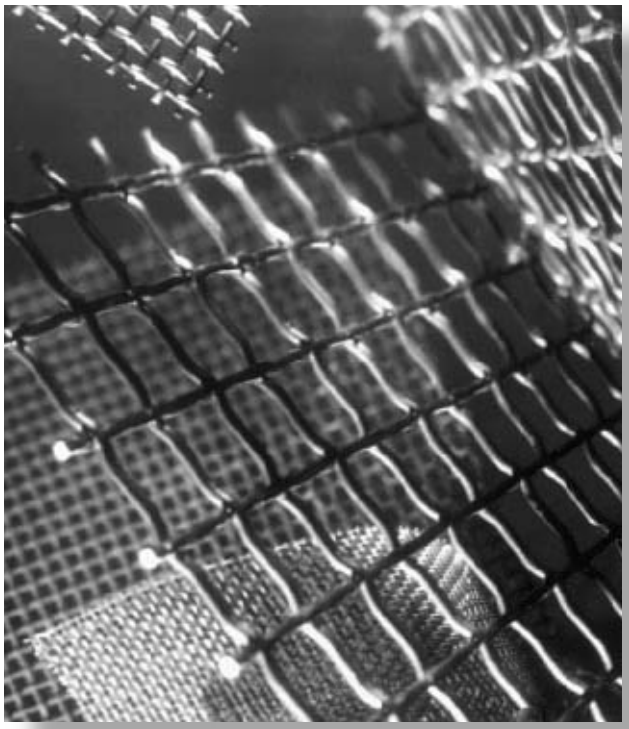
HAYNES® alloy 25 (L605)
[(UNS R30605) Co 50%, Cr 20%, W 15%, Ni 10%, Fe 3%, Mn 1.5%]
High-strength; resists oxidation and carburization up to 1900°F. Resists galling, acids and body fluids. At certain concentrations, will resist hydrochloric and nitric acid. Resistant to wet chlorine environments at room temperature. Widely used in gas turbine engine components, bearings, springs, marine environments, heart valves.

INCONEL® alloy 625
[(UNS N06625) Ni 61%, Cr 21.5%, Mo 9%, Nb+Ta 3.6%]
Retains its strength and toughness across a wide range of operating temperatures, from cryogenic through 1800°F. Outstanding fatigue strength, good oxidation and corrosion resistance. Used in nuclear reactors, ash pit seals, marine equipment, fuel nozzles, afterburners, and chemical and pollution control equipment.

INCONEL® alloy 718
[(UNS N07718) Ni 52.5%, Cr 19%, Fe 18.5%, Mo 3.0%, Nb+Ta 3.6%]
For use across temperatures ranging from -423°F. to 1300°F., with excellent oxidation resistance up to 1800°F. Found in jet engines, fuel elements, pump parts, nuclear fuel elements and hot extrusion applications.

Hastelloy X and Haynes 25 are registered trademark names of Haynes International, Inc.
Inconel 625 and Inconel 718 are registered trademark names of Inco Companies

CLEVELAND WIRE CLOTH



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