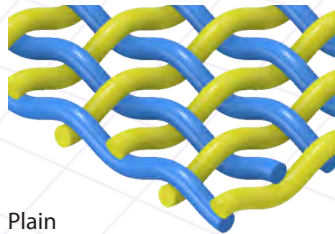
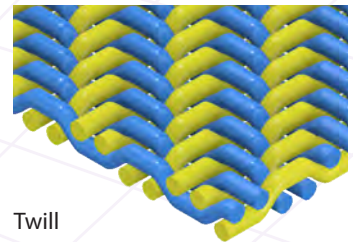




DORSTENER WIRE TECH



Plain



Twill

Specifications Common Plain and Twill Weave Wire Cloth

(Red: Tensile Bolting Cloth) (Green: Mill Grade) (Blue: Market Grade Cloth)

Weave Type	Mesh Count	Wire Diameter	Width of Opening	% of Open Area	EST Weigh per 100 sq' based on 304ss	Opening in Micron
Plain	2 x 2	0.0800"	0.4200"	70.6	84.0	10668
Plain	2 x 2	0.0630"	0.4370"	76.4	52.1	11100
Plain	2 x 2	0.0540"	0.4460"	79.6	38.3	11328
Plain	3 x 3	0.0800"	0.2533"	57.8	125.9	6435
Plain	3 x 3	0.0720"	0.2613"	61.5	102.0	6638
Plain	3 x 3	0.0630"	0.2703"	65.8	78.1	6866
Plain	3 x 3	0.0540"	0.2793"	70.2	57.4	7095
Plain	3 x 3	0.0470"	0.2863"	73.8	43.5	7273
Plain	3 x 3	0.0410"	0.2923"	76.9	33.1	7425
Plain	4 x 4	0.1200"	0.1300"	27.0	377.8	3302
Plain	4 x 4	0.1050"	0.1450"	33.6	289.3	3683
Plain	4 x 4	0.0920"	0.1580"	39.9	222.1	4013
Plain	4 x 4	0.0800"	0.1700"	46.2	167.9	4318
Plain	4 x 4	0.0720"	0.1780"	50.7	136.0	4521
Plain	4 x 4	0.0630"	0.1870"	56.0	104.1	4750
Plain	4 x 4	0.0540"	0.1960"	61.5	76.5	4978
Plain	4 x 4	0.0470"	0.2030"	65.9	58.0	5156
Plain	4 x 4	0.0410"	0.2090"	69.9	44.1	5309
Plain	4 x 4	0.0350"	0.2150"	74.0	32.1	5461
Plain	4 x 4	0.0320"	0.2180"	76.0	26.9	5537
Plain	4 x 4	0.0280"	0.2220"	78.9	20.6	5639
Plain	4 x 4	0.0250"	0.2250"	81.0	16.4	5715
Plain	5 x 5	0.0630"	0.1370"	46.9	130.2	3480
Plain	5 x 5	0.0540"	0.1460"	53.3	95.6	3708
Plain	5 x 5	0.0470"	0.1530"	58.5	72.5	3886
Plain	5 x 5	0.0410"	0.1590"	63.2	55.1	4039
Plain	5 x 5	0.0350"	0.1650"	68.1	40.2	4191
Plain	5 x 5	0.0320"	0.1680"	70.6	33.6	4267
Plain	6 x 6	0.0630"	0.1037"	38.7	156.2	2633
Plain	6 x 6	0.0540"	0.1127"	45.7	114.8	2862
Plain	6 x 6	0.0470"	0.1197"	51.6	86.9	3040
Plain	6 x 6	0.0410"	0.1257"	56.9	66.2	3192
Plain	6 x 6	0.0350"	0.1317"	62.4	48.2	3344
Plain	6 x 6	0.0320"	0.1347"	65.3	40.3	3421
Plain	6 x 6	0.0280"	0.1387"	69.2	30.9	3522
Plain	7 x 7	0.0350"	0.1079"	57.0	56.2	2740
Plain	7 x 7	0.0320"	0.1109"	60.2	47.0	2816
Plain	7 x 7	0.0280"	0.1149"	64.6	36.0	2917
Plain	8 x 8	0.0630"	0.0620"	24.6	208.3	1575
Plain	8 x 8	0.0540"	0.0710"	32.3	153.0	1803
Plain	8 x 8	0.0470"	0.0780"	38.9	115.9	1981
Plain	8 x 8	0.0410"	0.0840"	45.2	88.2	2134
Plain	8 x 8	0.0350"	0.0900"	51.8	64.3	2286
Plain	8 x 8	0.0320"	0.0930"	55.4	53.7	2362
Plain	8 x 8	0.0280"	0.0970"	60.2	41.1	2464
Plain	8 x 8	0.0250"	0.1000"	64.0	32.8	2540
Plain	9 x 9	0.0410"	0.0701"	39.8	99.2	1781
Plain	9 x 9	0.0350"	0.0761"	46.9	72.3	1933
Plain	9 x 9	0.0320"	0.0791"	50.7	60.5	2009

Micron opening in the above list represents the diameter in microns of the largest particle that can pass through the filter media under controlled test conditions. All ratings are subject to large variation depending on your process and substance being filtered.

(Red: Tensile Bolting Cloth) (Green: Mill Grade) (Blue: Market Grade Cloth)

Weave Type	Mesh Count	Wire Diameter	Width of Opening	% of Open Area	EST Weigh per 100 sq' based on 304ss	Opening in Micron
Plain	9 x 9	0.0280"	0.0831"	56.0	46.3	2111
Plain	9 x 9	0.0250"	0.0861"	60.1	36.9	2187
Plain	9 x 9	0.0230"	0.0881"	62.9	31.2	2238
Plain	10 x 10	0.0470"	0.0530"	28.1	144.9	1346
Plain	10 x 10	0.0410"	0.0590"	34.8	110.3	1499
Plain	10 x 10	0.0350"	0.0650"	42.3	80.4	1651
Plain	10 x 10	0.0320"	0.0680"	46.2	67.2	1727
Plain	10 x 10	0.0280"	0.0720"	51.8	51.4	1829
Plain	10 x 10	0.0250"	0.0750"	56.3	41.0	1905
Plain	10 x 10	0.0230"	0.0770"	59.3	34.7	1956
Plain	10 x 10	0.0200"	0.0800"	64.0	26.2	2032
Plain	11 x 11	0.0320"	0.0589"	42.0	73.9	1496
Plain	11 x 11	0.0280"	0.0629"	47.9	56.6	1598
Plain	11 x 11	0.0250"	0.0659"	52.6	45.1	1674
Plain	11 x 11	0.0230"	0.0679"	55.8	38.2	1725
Plain	11 x 11	0.0200"	0.0709"	60.8	28.9	1801
Plain	11 x 11	0.0180"	0.0729"	64.3	23.4	1852
Plain	12 x 12	0.0320"	0.0513"	37.9	80.6	1304
Plain	12 x 12	0.0280"	0.0553"	44.1	61.7	1405
Plain	12 x 12	0.0250"	0.0583"	49.0	49.2	1482
Plain	12 x 12	0.0230"	0.0603"	52.4	41.6	1532
Plain	12 x 12	0.0200"	0.0633"	57.8	31.5	1609
Plain	12 x 12	0.0180"	0.0653"	61.5	25.5	1659
Plain	14 x 14	0.0280"	0.0434"	37.0	72.0	1103
Plain	14 x 14	0.0250"	0.0464"	42.3	57.4	1179
Plain	14 x 14	0.0230"	0.0484"	46.0	48.6	1230
Plain	14 x 14	0.0200"	0.0514"	51.8	36.7	1306
Plain	14 x 14	0.0180"	0.0534"	56.0	29.8	1357
Plain	14 x 14	0.0170"	0.0544"	58.1	26.5	1382
Plain	14 x 14	0.0090"	0.0624"	76.4	7.4	1586
Plain	16 x 16	0.0280"	0.0345"	30.5	82.3	876
Plain	16 x 16	0.0250"	0.0375"	36.0	65.6	953
Plain	16 x 16	0.0230"	0.0395"	39.9	55.5	1003
Plain	16 x 16	0.0200"	0.0425"	46.2	42.0	1080
Plain	16 x 16	0.0180"	0.0445"	50.7	34.0	1130
Plain	16 x 16	0.0160"	0.0465"	55.4	26.9	1181
Plain	16 x 16	0.0090"	0.0535"	73.3	8.5	1359
Plain	18 x 18	0.0250"	0.0306"	30.3	73.8	776
Plain	18 x 18	0.0230"	0.0326"	34.3	62.5	827
Plain	18 x 18	0.0200"	0.0356"	41.0	47.2	903
Plain	18 x 18	0.0180"	0.0376"	45.7	38.3	954
Plain	18 x 18	0.0170"	0.0386"	48.2	34.1	979
Plain	18 x 18	0.0160"	0.0396"	50.7	30.2	1005
Plain	18 x 18	0.0150"	0.0406"	53.3	26.6	1030
Plain	18 x 18	0.0140"	0.0416"	56.0	23.1	1056
Plain	18 x 18	0.0135"	0.0421"	57.3	21.5	1068
Plain	18 x 18	0.0090"	0.0466"	70.2	9.6	1183
Plain	20 x 20	0.0280"	0.0220"	19.4	102.9	559
Plain	20 x 20	0.0250"	0.0250"	25.0	82.0	635
Plain	20 x 20	0.0230"	0.0270"	29.2	69.4	686
Plain	20 x 20	0.0200"	0.0300"	36.0	52.5	762
Plain	20 x 20	0.0180"	0.0320"	41.0	42.5	813
Plain	20 x 20	0.0170"	0.0330"	43.6	37.9	838
Plain	20 x 20	0.0160"	0.0340"	46.2	33.6	864
Plain	20 x 20	0.0150"	0.0350"	49.0	29.5	889
Plain	20 x 20	0.0140"	0.0360"	51.8	25.7	914
Plain	20 x 20	0.0130"	0.0370"	54.8	22.2	940
Plain	20 x 20	0.0090"	0.0410"	67.2	10.6	1041
Plain	22 x 22	0.0160"	0.0295"	42.0	36.9	748
Plain	22 x 22	0.0150"	0.0305"	44.9	32.5	774
Plain	22 x 22	0.0135"	0.0320"	49.4	26.3	812
Plain	22 x 22	0.0075"	0.0380"	69.7	8.1	964
Plain	24 x 24	0.0170"	0.0247"	35.0	45.5	627
Plain	24 x 24	0.0160"	0.0257"	37.9	40.3	652
Plain	24 x 24	0.0150"	0.0267"	41.0	35.4	677
Plain	24 x 24	0.0140"	0.0277"	44.1	30.9	703
Plain	24 x 24	0.0130"	0.0287"	47.3	26.6	728

(Red: Tensile Bolting Cloth) (Green: Mill Grade) (Blue: Market Grade Cloth)

Weave Type	Mesh Count	Wire Diameter	Width of Opening	% of Open Area	EST Weigh per 100 sq' based on 304ss	Opening in Micron
Plain	24 x 24	0.0120"	0.0297"	50.7	22.7	754
Plain	24 x 24	0.0110"	0.0307"	54.2	19.0	779
Plain	24 x 24	0.0100"	0.0317"	57.8	15.7	804
Plain	24 x 24	0.0075"	0.0342"	67.2	8.9	868
Plain	26 x 26	0.0130"	0.0255"	43.8	28.8	647
Plain	26 x 26	0.0120"	0.0265"	47.3	24.6	672
Plain	26 x 26	0.0110"	0.0275"	51.0	20.6	698
Plain	26 x 26	0.0100"	0.0285"	54.8	17.1	723
Plain	26 x 26	0.0095"	0.0290"	56.7	15.4	736
Plain	26 x 26	0.0075"	0.0310"	64.8	9.6	786
Plain	28 x 28	0.0135"	0.0222"	38.7	33.5	564
Plain	28 x 28	0.0130"	0.0227"	40.4	31.0	577
Plain	28 x 28	0.0120"	0.0237"	44.1	26.4	602
Plain	28 x 28	0.0110"	0.0247"	47.9	22.2	628
Plain	28 x 28	0.0100"	0.0257"	51.8	18.4	653
Plain	28 x 28	0.0095"	0.0262"	53.9	16.6	666
Plain	28 x 28	0.0090"	0.0267"	56.0	14.9	679
Plain	28 x 28	0.0075"	0.0282"	62.4	10.3	717
Twill	30 x 30	0.0170"	0.0163"	24.0	56.9	415
Twill	30 x 30	0.0160"	0.0173"	27.0	50.4	440
Twill	30 x 30	0.0150"	0.0183"	30.3	44.3	466
Twill	30 x 30	0.0140"	0.0193"	33.6	38.6	491
Plain	30 x 30	0.0135"	0.0198"	35.4	35.9	504
Plain	30 x 30	0.0130"	0.0203"	37.2	33.3	516
Plain	30 x 30	0.0120"	0.0213"	41.0	28.3	542
Plain	30 x 30	0.0110"	0.0223"	44.9	23.8	567
Plain	30 x 30	0.0100"	0.0233"	49.0	19.7	593
Plain	30 x 30	0.0095"	0.0238"	51.1	17.8	605
Plain	30 x 30	0.0090"	0.0243"	53.3	15.9	618
Plain	30 x 30	0.0085"	0.0248"	55.5	14.2	631
Plain	30 x 30	0.0065"	0.0268"	64.8	8.3	682
Plain	32 x 32	0.0160"	0.0153"	23.8	53.7	387
Plain	32 x 32	0.0150"	0.0163"	27.0	47.2	413
Plain	32 x 32	0.0140"	0.0173"	30.5	41.1	438
Plain	32 x 32	0.0135"	0.0178"	32.3	38.3	451
Plain	32 x 32	0.0130"	0.0183"	34.1	35.5	464
Plain	32 x 32	0.0120"	0.0193"	37.9	30.2	489
Plain	32 x 32	0.0110"	0.0203"	42.0	25.4	514
Plain	32 x 32	0.0100"	0.0213"	46.2	21.0	540
Plain	32 x 32	0.0095"	0.0218"	48.4	18.9	552
Plain	32 x 32	0.0090"	0.0223"	50.7	17.0	565
Plain	32 x 32	0.0085"	0.0228"	53.0	15.2	578
Plain	32 x 32	0.0080"	0.0305"	94.9	13.4	773
Plain	32 x 32	0.0065"	0.0248"	62.7	8.9	629
Plain	34 x 34	0.0090"	0.0204"	48.2	18.1	518
Plain	34 x 34	0.0065"	0.0229"	60.7	9.4	582
Plain	35 x 35	0.0130"	0.0156"	29.7	38.8	396
Plain	35 x 35	0.0120"	0.0166"	33.6	33.1	421
Plain	35 x 35	0.0110"	0.0176"	37.8	27.8	446
Plain	35 x 35	0.0100"	0.0186"	42.3	23.0	472
Plain	36 x 36	0.0065"	0.0213"	58.7	10.0	540
Plain	36 x 36	0.0090"	0.0188"	45.7	19.1	477
Plain	38 x 38	0.0110"	0.0153"	33.9	30.2	389
Plain	38 x 38	0.0100"	0.0163"	38.4	24.9	414
Plain	38 x 38	0.0095"	0.0168"	40.8	22.5	427
Plain	38 x 38	0.0090"	0.0173"	43.3	20.2	440
Plain	38 x 38	0.0085"	0.0178"	45.8	18.0	453
Plain	38 x 38	0.0080"	0.0183"	48.4	16.0	465
Plain	38 x 38	0.0065"	0.0198"	56.7	10.5	503
Plain	40 x 40	0.0120"	0.0130"	27.0	37.8	330
Plain	40 x 40	0.0110"	0.0140"	31.4	31.7	356
Plain	40 x 40	0.0100"	0.0150"	36.0	26.2	381
Plain	40 x 40	0.0095"	0.0155"	38.4	23.7	394
Plain	40 x 40	0.0090"	0.0160"	41.0	21.3	406
Plain	40 x 40	0.0085"	0.0165"	43.6	19.0	419
Plain	40 x 40	0.0080"	0.0170"	46.2	16.8	432
Plain	40 x 40	0.0065"	0.0185"	54.8	11.1	470

(Red: Tensile Bolting Cloth) (Green: Mill Grade) (Blue: Market Grade Cloth)

Weave Type	Mesh Count	Wire Diameter	Width of Opening	% of Open Area	EST Weigh per 100 sq' based on 304ss	Opening in Micron
Plain	42 x 42	0.0100"	0.0138"	33.6	27.6	351
Plain	42 x 42	0.0095"	0.0143"	36.1	24.9	363
Plain	42 x 42	0.0090"	0.0148"	38.7	22.3	376
Plain	42 x 42	0.0055"	0.0183"	59.1	8.3	465
Plain	44 x 44	0.0055"	0.0172"	57.5	8.7	438
Plain	45 x 45	0.0080"	0.0142"	41.0	18.9	361
Plain	46 x 46	0.0055"	0.0162"	55.8	9.1	412
Plain	48 x 48	0.0055"	0.0153"	54.2	9.5	389
Plain	50 x 40	0.0080"	0.0120" x 0.0170"	36.0	21.0	305 - 432
Plain	50 x 50	0.0090"	0.0110"	30.3	26.6	279
Plain	50 x 50	0.0085"	0.0115"	33.1	23.7	292
Plain	50 x 50	0.0080"	0.0120"	36.0	21.0	305
Plain	50 x 50	0.0075"	0.0125"	39.1	18.4	318
Plain	50 x 50	0.0055"	0.0145"	52.6	9.9	368
Plain	52 x 52	0.0055"	0.0137"	51.0	10.3	349
Plain	54 x 54	0.0055"	0.0130"	49.4	10.7	331
Plain	55 x 55	0.0070"	0.0112"	37.8	17.7	284
Plain	58 x 58	0.0045"	0.0127"	54.6	7.7	324
Plain	60 x 40	0.0065"	0.0102" x 0.0185"	37.2	16.6	254 - 470
Plain	60 x 50	0.0065"	0.0102" x 0.0135"	37.2	16.6	254 - 343
Twill	60 x 60	0.0110"	0.0057"	11.6	47.6	144
Twill	60 x 60	0.0100"	0.0067"	16.0	39.4	169
Plain	60 x 60	0.0075"	0.0092"	30.3	22.1	233
Plain	60 x 60	0.0070"	0.0097"	33.6	19.3	246
Plain	60 x 60	0.0065"	0.0102"	37.2	16.6	258
Plain	60 x 60	0.0060"	0.0107"	41.0	14.2	271
Plain	60 x 60	0.0045"	0.0122"	53.3	8.0	309
Plain	62 x 62	0.0045"	0.0116"	52.0	8.2	295
Plain	64 x 64	0.0045"	0.0111"	50.7	8.5	283
Plain	70 x 70	0.0065"	0.0078"	29.7	19.4	198
Plain	70 x 70	0.0037"	0.0106"	54.9	6.3	269
Plain	72 x 72	0.0037"	0.0102"	53.8	6.5	259
Plain	74 x 74	0.0037"	0.0098"	52.7	6.6	249
Plain	76 x 76	0.0037"	0.0095"	51.7	6.8	240
Plain	78 x 78	0.0037"	0.0091"	50.6	7.0	232
Plain	80 x 70	0.0055"	0.0070" x 0.0088"	31.4	15.9	178 - 224
Twill	80 x 80	0.0070"	0.0055"	19.4	25.7	140
Plain	80 x 80	0.0055"	0.0070"	31.4	15.9	178
Plain	80 x 80	0.0050"	0.0075"	36.0	13.1	191
Plain	80 x 80	0.0037"	0.0088"	49.6	7.2	224
Plain	84 x 84	0.0035"	0.0084"	49.8	6.7	213
Plain	88 x 88	0.0035"	0.0079"	47.9	7.1	200
Plain	90 x 90	0.0035"	0.0076"	46.9	7.2	193
Plain	94 x 94	0.0035"	0.0071"	45.0	7.6	181
Plain	100 x 90	0.0045"	0.0055" x 0.0066"	32.6	12.3	140 - 168
Plain	100 x 100	0.0045"	0.0055"	30.3	13.3	140
Plain	100 x 100	0.0040"	0.0060"	36.0	10.5	152
Plain	105 x 105	0.0030"	0.0065"	46.9	6.2	166
Plain	120 x 120	0.0037"	0.0046"	30.9	10.8	118
Plain	120 x 120	0.0026"	0.0057"	47.3	5.3	146
Plain	135 x 135	0.0023"	0.0051"	47.5	4.7	130
Plain	145 x 145	0.0022"	0.0047"	46.4	4.6	119
Plain	150 x 150	0.0026"	0.0041"	37.2	6.7	103
Plain	165 x 165	0.0019"	0.0042"	47.1	3.9	106
Plain	180 x 180	0.0023"	0.0033"	34.3	6.2	83
Twill	200 x 200	0.0023"	0.0027"	29.2	6.9	69
Plain	200 x 200	0.0021"	0.0029"	33.6	5.8	74
Plain	200 x 200	0.0016"	0.0034"	46.2	3.4	86
Plain	230 x 230	0.0014"	0.0029"	46.0	3.0	75
Twill	250 x 250	0.0016"	0.0024"	36.0	4.2	61
Twill	270 x 270	0.0016"	0.0021"	32.3	4.5	53
Plain	300 x 300	0.0015"	0.0018"	30.3	4.4	47
Twill	325 x 325	0.0014"	0.0017"	29.7	4.2	43
Twill	400 x 400	0.0011"	0.0014"	31.4	3.2	36
Twill	500 x 500	0.0010"	0.0010"	25.0	3.3	25
Twill	635 x 635	0.0008"	0.0008"	24.2	2.7	20