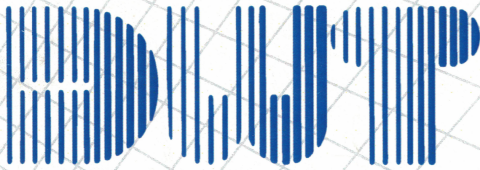
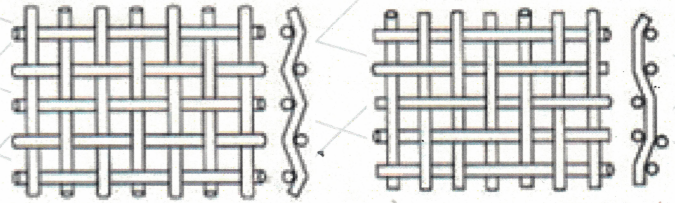


Wire Cloth: Plain and Twill Weave



DORSTENER WIRE TECH



Common Plain & Twill weave products. Many more available!

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

Weave Type	Mesh Count	Wire Dia. in Inches	Width of Opening in Inches	% of Open Area	Weigh Per 100 sq' based on 304ss	Opening in Micron
Plain	2 x 2	.080	.4200	70.6	83	10687
Plain	2 x 2	.063	.4370	76.4	51.7	11119
Plain	2 x 2	.054	.4460	79.6	37.6	11348
Plain	3 x 3	.0800	.2530	57.6	126.4	6438
Plain	3 x 3	.0720	.2610	61.3	101.9	6641
Plain	3 x 3	.0630	.2700	65.6	77.6	6870
Plain	3 x 3	.0540	.2790	70.1	57.3	7099
Plain	3 x 3	.0470	.2860	73.6	42.8	7277
Plain	3 x 3	.0410	.2923	76.7	32.5	7438
Plain	4 x 4	.1200	.1300	27.0	392.5	3308
Plain	4 x 4	.1050	.1450	33.6	309.3	3690
Plain	4 x 4	.0920	.1580	39.9	233.3	4020
Plain	4 x 4	.0800	.1700	46.2	173.8	4326
Plain	4 x 4	.0720	.0178	50.7	139.6	453
Plain	4 x 4	.0630	.1870	56.0	105.8	4758
Plain	4 x 4	.0540	.1960	61.5	77.2	4987
Plain	4 x 4	.0470	.2030	65.9	58.2	5165
Plain	4 x 4	.0410	.2090	69.9	44	5318
Plain	4 x 4	.0350	.2150	74.0	32	5471
Plain	4 x 4	.0320	.2180	76.0	26.7	5547
Plain	4 x 4	.0280	.2220	78.9	20.4	5649
Plain	4 x 4	.0250	.2250	81.0	16.3	5725
Plain	5 x 5	.0630	.1370	46.9	134.5	3486
Plain	5 x 5	.0540	.1460	53.3	97.7	3715
Plain	5 x 5	.0470	.1530	58.5	73.3	3893
Plain	5 x 5	.0410	.1590	63.2	55.4	4046
Plain	5 x 5	.0350	.1650	68.1	40.2	4198
Plain	5 x 5	.0320	.1680	70.6	33.5	4275
Plain	6 x 6	.0630	.1040	38.9	164.6	2646
Plain	6 x 6	.0540	.1130	46.0	118.9	2875
Plain	6 x 6	.0470	.1200	51.8	89.1	3053
Plain	6 x 6	.0410	.1260	57.2	67.2	3206
Plain	6 x 6	.0350	.1320	62.7	48.6	3359
Plain	6 x 6	.0320	.1350	65.6	20.7	3435
Plain	6 x 6	.0280	.1390	69.6	30.8	3537
Plain	7 x 7	.0350	.1080	57.2	57.1	2748
Plain	7 x 7	.0320	.1110	60.4	47.5	2824
Plain	7 x 7	.0280	.1150	64.8	36.2	2926
Plain	8 X 8	.0630	.062	24.6	218.5	1578
Plain	8 X 8	.0540	.071	32.3	164.3	1807
Plain	8 X 8	.0470	.0780	38.9	122.1	1985
Plain	8 X 8	.0410	.0840	45.2	91.5	2137
Plain	8 X 8	.0350	.0900	51.8	65.1	2290
Plain	8 X 8	.0320	.0930	55.4	54.6	2366
Plain	8 X 8	.0280	.0970	60.2	47.1	2468
Plain	8 X 8	.0250	.1000	64.0	32.9	2545
Plain	9 X 9	.0410	.0700	39.7	104.2	1781
Plain	9 X 9	.0350	.0760	46.8	74.7	1934
Plain	9 X 9	.0320	.0790	50.6	62	2010
Plain	9 X 9	.0280	.0830	55.8	47.1	2112
Plain	9 X 9	.0250	.0860	59.9	37.3	2188

Absolute filter ratings in the above list represent 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. Nominal rating is determined by a wide range of data and has much larger percentage of oversize particles. Both ratings should only be used as a guide.

Dorstener Wire Tech Customer Service: 1-888-931-9743 or sales@dwt-inc.com

Common Plain & Twill weave products. Many more available!
(Orange: Tensile Bolting Cloth) (Green: Mill Grade) (Blue: Market Grade Cloth)

Weave Type	Mesh Count	Wire Dia. in Inches	Width of Opening in Inches	% of Open Area	Weigh Per 100 sq' based on 304ss	Opening in Micron
Plain	9 X 9	.0230	.0880	62.7	31.4	2239
Plain	10 x 10	.0470	.0530	28.1	149.9	1349
Plain	10 x 10	.0410	.0590	34.8	117.5	1501
Plain	10 x 10	.0350	.0650	42.3	83.9	1654
Plain	10 x 10	.0320	.0680	46.2	69.5	1730
Plain	10 x 10	.0280	.0720	51.8	52.6	1832
Plain	10 x 10	.0250	.0750	56.3	41.6	1908
Plain	10 x 10	.0230	.0770	59.3	35.1	1959
Plain	10 x 10	.0200	.0800	64.0	26.4	2036
Plain	11 x 11	.0320	.0590	42.1	77.2	1501
Plain	11 x 11	.0280	.0630	48.0	58.4	1603
Plain	11 x 11	.0250	.0660	52.7	46.1	1679
Plain	11 x 11	.0230	.0680	56.0	38.8	1730
Plain	11 x 11	.0200	.0710	61.0	29.1	1807
Plain	11 x 11	.0180	.0730	64.5	23.5	1857
Plain	12 x 12	.0320	.0510	37.5	85.1	1298
Plain	12 x 12	.0280	.0550	43.6	64.1	1399
Plain	12 x 12	.0250	.0580	48.4	50.6	1476
Plain	12 x 12	.0230	.0600	51.8	42.6	1527
Plain	12 x 12	.0200	.0630	57.2	31.9	1603
Plain	12 x 12	.0180	.0650	60.8	25.8	1654
Plain	14 x 14	.0280	.0430	36.2	76.3	1094
Plain	14 x 14	.0250	.0460	41.5	59.9	1170
Plain	14 x 14	.0230	.0480	45.2	50.3	1221
Plain	14 x 14	.0200	.0510	51.0	37.6	1298
Plain	14 x 14	.0180	.0530	55.1	37.6	1349
Plain	14 x 14	.0170	.0540	57.2	26.9	1374
Plain	14 x 14	.0090	.0620	76.4	9	1578
Plain	16 x 16	.0280	.0345	30.5	84.4	878
Plain	16 x 16	.0250	.0375	36.0	69.6	954
Plain	16 x 16	.0230	.0395	39.9	58.3	1005
Plain	16 x 16	.0200	.0425	46.2	43.4	1081
Plain	16 x 16	.0180	.0445	50.7	34.8	1132
Plain	16 x 16	.0160	.0465	55.4	27.4	1183
Plain	16 x 16	.0090	.0535	73.3	8.6	1361
Plain	18 x 18	.0250	.0306	30.3	75.8	779
Plain	18 x 18	.0230	.0326	34.4	66.7	830
Plain	18 x 18	.0200	.0356	41.1	49.5	906
Plain	18 x 18	.0180	.0376	45.8	39.6	957
Plain	18 x 18	.0170	.0386	48.3	35.1	982
Plain	18 x 18	.0160	.0396	50.8	31	1008
Plain	18 x 18	.0150	.0406	53.4	27.1	1033
Plain	18 x 18	.0140	.0416	56.1	23.5	1059
Plain	18 x 18	.0135	.0421	57.4	21.8	1071
Plain	18 x 18	.0090	.0466	70.2	9.6	1186
Plain	20 x 20	.0280	.0220	19.4	110.4	560
Plain	20 x 20	.0250	.0250	25.0	85.9	636
Plain	20 x 20	.0230	.0270	29.2	71.5	687
Plain	20 x 20	.0200	.0300	36.0	55.8	763
Plain	20 x 20	.0180	.0320	41.0	44.5	814
Plain	20 x 20	.0170	.0330	43.6	39.5	840
Plain	20 x 20	.0160	.0340	46.2	34.7	865
Plain	20 x 20	.0150	.0350	49.0	30.4	891
Plain	20 x 20	.0140	.0360	51.8	26.4	916
Plain	20 x 20	.0130	.0370	54.8	22.6	941
Plain	20 x 20	.0090	.0410	67.2	10.6	1043
Plain	22 x 22	.0160	.0295	42.1	38.6	751
Plain	22 x 22	.0150	.0305	45.0	33.7	776
Plain	22 x 22	.0135	.0315	48.0	27.1	802
Plain	22 x 22	.0075	.0380	69.7	8.2	967
Plain	24 x 24	.0170	.0247	35.1	48.5	628
Plain	24 x 24	.0160	.0257	38.0	42.5	654
Plain	24 x 24	.0150	.0267	41.1	37.1	679
Plain	24 x 24	.0140	.0277	44.2	32.1	705
Plain	24 x 24	.0130	.0287	47.4	27.5	730
Plain	24 x 24	.0120	.0297	50.8	23.2	756
Plain	24 x 24	.0110	.0307	54.3	19.4	781
Plain	24 x 24	.0100	.0317	57.9	16	807

Common Plain & Twill weave products. Many more available!
(Orange: Tensile Bolting Cloth) (Green: Mill Grade) (Blue: Market Grade Cloth)

Weave Type	Mesh Count	Wire Dia. in Inches	Width of Opening in Inches	% of Open Area	Weigh Per 100 sq' based on 304ss	Opening in Micron
Plain	24 x 24	.0075	.0342	67.2	8.9	870
Plain	26 x 26	.0130	.0255	44.0	30	649
Plain	26 x 26	.0120	.0265	47.5	25.4	674
Plain	26 x 26	.0110	.0275	51.1	21.1	700
Plain	26 x 26	.0100	.0285	54.9	17.4	725
Plain	26 x 26	.0095	.0295	56.9	15.7	751
Plain	26 x 26	.0075	.0310	64.8	9.5	789
Plain	28 x 28	.0135	.0222	38.6	35.2	565
Plain	28 x 28	.0130	.0227	40.4	32.5	578
Plain	28 x 28	.0120	.0237	44.0	27.5	603
Plain	28 x 28	.0110	.0247	47.8	22.9	628
Plain	28 x 28	.0100	.0257	51.8	18.8	654
Plain	28 x 28	.0095	.0262	53.8	16.9	667
Plain	28 x 28	.0090	.0267	55.9	15.2	679
Plain	28 x 28	.0075	.0282	62.4	10.4	718
Twill	30 x 30	.0170	.0163	23.9	69.8	415
Twill	30 x 30	.0160	.0173	26.9	62.4	440
Twill	30 x 30	.0150	.0183	30.1	47.9	466
Twill	30 x 30	.0140	.0193	33.5	41.2	491
Plain	30 x 30	.0135	.0198	35.3	38.2	504
Plain	30 x 30	.0130	.0203	37.1	35.1	517
Plain	30 x 30	.0120	.0213	40.8	29.7	542
Plain	30 x 30	.0110	.0223	44.8	24.7	567
Plain	30 x 30	.0100	.0233	48.9	20.2	593
Plain	30 x 30	.0095	.0238	51.0	18.2	606
Plain	30 x 30	.0090	.0243	53.1	16.3	618
Plain	30 x 30	.0085	.0248	55.4	14.4	631
Plain	30 x 30	.0065	.0268	64.8	8.4	682
Plain	32 x 32	.0160	.0153	24.0	56.6	389
Plain	32 x 32	.0150	.0163	27.2	49.1	415
Plain	32 x 32	.0140	.0173	30.6	44.4	440
Plain	32 x 32	.0135	.0178	32.4	41.1	453
Plain	32 x 32	.0130	.0183	34.3	37.9	466
Plain	32 x 32	.0120	.0193	38.1	31.9	491
Plain	32 x 32	.0110	.0203	42.2	26.6	517
Plain	32 x 32	.0100	.0213	46.5	21.7	542
Plain	32 x 32	.0095	.0218	48.7	19.5	555
Plain	32 x 32	.0090	.0223	50.9	17.5	567
Plain	32 x 32	.0085	.0228	53.2	15.5	580
Plain	32 x 32	.0080	.0233	55.6	13.6	593
Plain	32 x 32	.0065	.0248	62.7	9	631
Plain	34 x 34	.0090	.0204	48.1	20.37	519
Plain	34 x 34	.0065	.0229	60.7	9.6	583
Plain	35 x 35	.0130	.0156	29.8	42	397
Plain	35 x 35	.0120	.0166	33.8	35.4	422
Plain	35 x 35	.0110	.0176	37.9	29.3	448
Plain	35 x 35	.0100	.0186	42.4	23.9	473
Plain	36 x 36	.0065	.0213	58.7	10.2	542
Plain	36 x 36	.0090	.0188	45.8	21.63	478
Plain	38 x 38	.0110	.0153	33.8	32.2	389
Plain	38 x 38	.0100	.0163	38.4	26.3	415
Plain	38 x 38	.0095	.0168	40.8	23.5	427
Plain	38 x 38	.0090	.0173	43.2	21	440
Plain	38 x 38	.0085	.0178	45.8	20.4	453
Plain	38 x 38	.0080	.0183	48.4	18	466
Plain	38 x 38	.0065	.0198	56.7	10.7	504
Plain	40 x 40	.0120	.0130	27.0	41.3	331
Plain	40 x 40	.0110	.0140	31.4	34.1	356
Plain	40 x 40	.0100	.0150	36.0	27.9	382
Plain	40 x 40	.0095	.0155	38.4	24.9	394
Plain	40 x 40	.0090	.0160	41.0	22.2	407
Plain	40 x 40	.0085	.0165	43.6	19.7	420
Plain	40 x 40	.0080	.0170	46.2	17.2	433
Plain	40 x 40	.0065	.0185	54.8	11.3	471
Plain	42 x 42	.0100	.0138	33.6	29.5	351
Plain	42 x 42	.0095	.0143	36.1	26.4	364
Plain	42 x 42	.0090	.0148	38.6	23.5	377
Plain	42 x 42	.0055"	.0183	59.1	8.5	466

Common Plain & Twill weave products. Many more available!
(Orange: Tensile Bolting Cloth) (Green: Mill Grade) (Blue: Market Grade Cloth)

Weave Type	Mesh Count	Wire Dia. in Inches	Width of Opening in Inches	% of Open Area	Weigh Per 100 sq' based on 304ss	Opening in Micron
Plain	44 x 44	.0055"	.0172	57.4	8.9	438
Plain	45 x 45	.0080	.0142	40.8	19.8	361
Plain	46 x 46	.0055	.0162	55.8	9.3	412
Plain	48 x 48	.0055	.0153	54.2	9.7	389
Plain	50 x 40	.0080	.012 x .017	40.6	*	369
Plain	50 x 50	.0090	.0110	30.3	28.7	280
Plain	50 x 50	.0085	.0115	33.1	25.4	293
Plain	50 x 50	.0080	.0120	36.0	22.3	305
Plain	50 x 50	.0075	.0125	39.1	19.4	318
Plain	50 x 50	.0055	.0145	52.6	10.1	369
Plain	52 x 52	.0055	.0137	51.0	10.5	349
Plain	54 x 54	.0055	.0130	49.4	10.9	331
Plain	55 x 55	.0070	.0112	37.9	20.4	285
Plain	58 x 58	.0045	.0127	54.6	7.8	323
Plain	60 x 40	.0065	.0102 x .0185	44.4	*	365
Plain	60 x 50	.0065	.0102 x .0135	41.4	*	302
Twill	60 x 60	.0110	.0057	11.7	43.3	145
Twill	60 x 60	.0100	.0067	16.2	38.3	170
Plain	60 x 60	.0075	.0092	30.5	23.9	234
Plain	60 x 60	.0070	.0097	33.9	20.6	247
Plain	60 x 60	.0065	.0102	37.5	17.6	260
Plain	60 x 60	.0060	.0107	41.2	14.8	272
Plain	60 x 60	.0045	.0122	53.3	8.1	310
Plain	62 x 62	.0045	.0116	51.7	8.4	295
Plain	64 x 64	.0045	.0111	50.7	8.7	282
Plain	70 x 70	.0065	.0078	29.8	21	198
Plain	70 x 70	.0037	.0160	54.9	6	407
Plain	72 x 72	.0037	.0102	53.8	6.2	260
Plain	74 x 74	.0037	.009	52.7	6.4	229
Plain	76 x 76	.0037	.0095	51.7	6.6	242
Plain	78 x 78	.0037	.0091	50.6	6.8	232
Plain	80 x 70	.0055	.007 x .0088	34.4	17	201
Twill	80 x 80	.0070	.0055	19.4	27.7	140
Plain	80 x 80	.0055	.0070	31.4	17.1	178
Plain	80 x 80	.0050	.0075	36.0	13.9	191
Plain	80 x 80	.0037	.0088	49.6	6.9	224
Plain	84 x 84	.0035	.0084	49.8	6.9	214
Plain	88 x 88	.0035	.0079	47.9	7.2	201
Plain	90 x 90	.0035	.0076	47.8	7.3	193
Plain	94 x 94	.0035	.0071	45.4	7.7	181
Plain	100 x 90	.0045	.0055 x .0066	32.6	14	154
Plain	100 x 100	.0045	.0055	30.3	14.3	140
Plain	100 x 100	.0040	.0060	36.0	11.1	153
Plain	105 x 105	.003	.0065	46.9	6.3	165
Plain	120 x 120	.0037	.0046	30.7	10.3	117
Plain	120 x 120	.0026	.0058	47.3	5	148
Plain	135 x 135	.0023	.0051	47.4	4.8	130
Plain	145 x 145	.0022	.0047	46.4	4.9	120
Plain	150 x 150	.0026	.0041	37.4	7.2	104
Plain	165 x 165	.0019	.0042	47.1	4.2	107
Plain	180 x 180	.0023	.0033	34.7	7.5	84
Plain	200 x 200	.0023	.0027	29.1	7.3	69
Plain	200 x 200	.0021	.0029	33.6	6.3	74
Plain	200 x 200	.0016	.0034	46.2	3.6	87
Plain	230 x 230	.0014	.0029	46.0	3.4	74
Plain	250 x 250	.0016	.0024	36.0	4.3	61
Twill	270 x 270	.0016	.0021	32.2	4.8	53
Plain	300 x 300	.0012	.0018	29.7	3	46
Twill	325 x 325	.0014	.0017	30.0	4.3	43
Twill	400 x 400	.0011	.0014	31.4	3.4	36
Twill	500 x 500	.0010	.0010	25.0	*	25
Twill	635 x 635	.0008	.0008	25.0	*	20