



**HIGHTOP METAL MESH**

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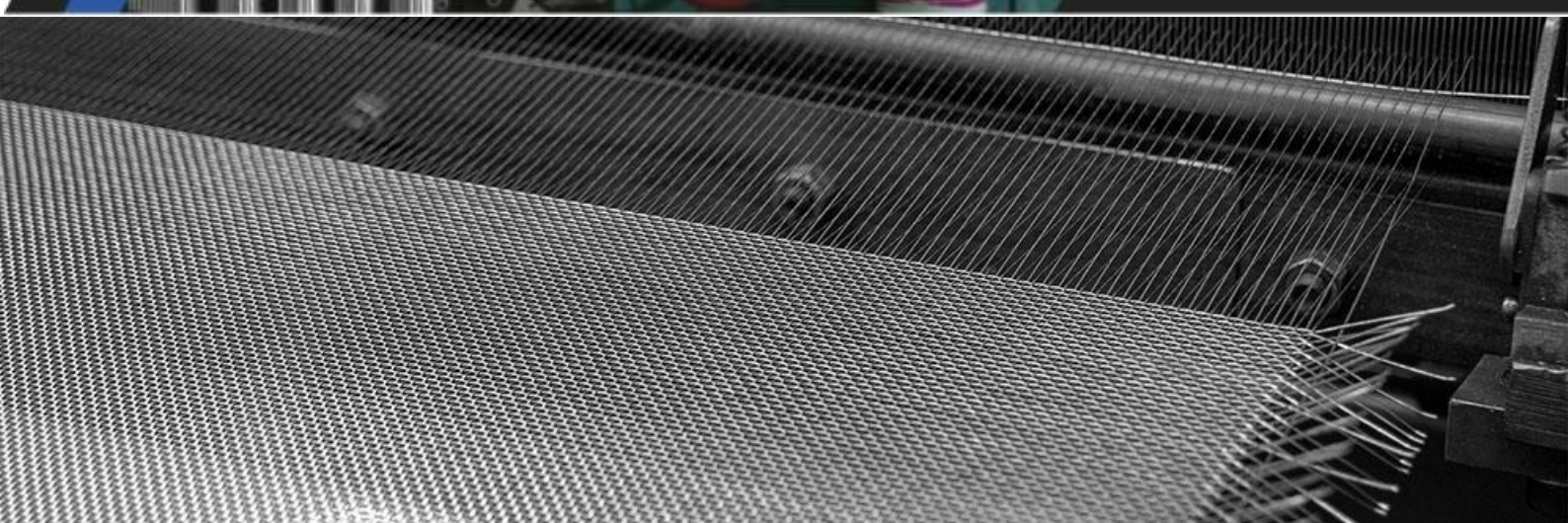
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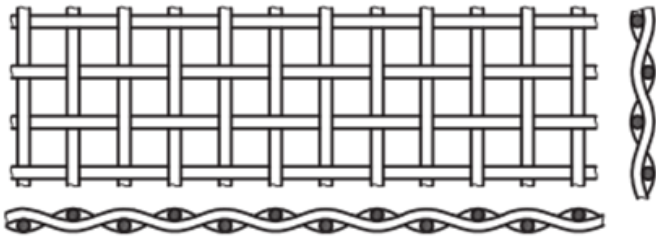
**Stainless Steel**

# Wire Mesh



**Quality  
Mesh  
Products**



**STAINLESS STEEL WIRE MESH SPECIFICATIONS****1. PLAIN/TWILL WEAVE****a) Plain weave****b) Twill weave**

Weave Type	Mesh Count	Wire Dia. (in.)	Opening (in.)	Open Area (%)	Opening (Micron)	Weight lb/100 ft <sup>2</sup> based on SS304
Plain	2 x 2	0.080	0.42	70.6	10687	83.0
Plain	2 x 2	0.063	0.437	76.4	11119	51.7
Plain	2 x 2	0.054	0.446	79.6	11348	37.6
Plain	3 x 3	0.080	0.253	57.6	6438	126.4
Plain	3 x 3	0.072	0.261	61.3	6641	101.9
Plain	3 x 3	0.063	0.27	65.6	6870	77.6
Plain	3 x 3	0.054	0.279	70.1	7099	57.3
Plain	3 x 3	0.047	0.286	73.6	7277	42.8
Plain	3 x 3	0.041	0.2923	76.7	7438	32.5
Plain	4 x 4	0.120	0.13	27	3308	392.5
Plain	4 x 4	0.105	0.145	33.6	3690	309.3
Plain	4 x 4	0.092	0.158	39.9	4020	233.3
Plain	4 x 4	0.080	0.17	46.2	4326	173.8
Plain	4 x 4	0.072	0.178	50.7	453	139.6
Plain	4 x 4	0.063	0.187	56	4758	105.8
Plain	4 x 4	0.054	0.196	61.5	4987	77.2
Plain	4 x 4	0.047	0.203	65.9	5165	58.2
Plain	4 x 4	0.041	0.209	69.9	5318	44.0
Plain	4 x 4	0.035	0.215	74	5471	32.0
Plain	4 x 4	0.032	0.218	76	5547	26.7
Plain	4 x 4	0.028	0.222	78.9	5649	20.4
Plain	4 x 4	0.025	0.225	81	5725	16.3
Plain	5 x 5	0.063	0.137	46.9	3486	134.5
Plain	5 x 5	0.054	0.146	53.3	3715	97.7
Plain	5 x 5	0.047	0.153	58.5	3893	73.3
Plain	5 x 5	0.041	0.159	63.2	4046	55.4
Plain	5 x 5	0.035	0.165	68.1	4198	40.2
Plain	5 x 5	0.032	0.168	70.6	4275	33.5
Plain	6 x 6	0.063	0.104	38.9	2646	164.6
Plain	6 x 6	0.054	0.113	46	2875	118.9
Plain	6 x 6	0.047	0.12	51.8	3053	89.1



Weave Type	Mesh Count	Wire Dia. (in.)	Opening (in.)	Open Area (%)	Opening (Micron)	Weight lb/100 ft2
Plain	6 x 6	0.041	0.126	57.2	3206	67.2
Plain	6 x 6	0.035	0.132	62.7	3359	48.6
Plain	6 x 6	0.032	0.135	65.6	3435	20.7
Plain	6 x 6	0.028	0.139	69.6	3537	30.8
Plain	7 x 7	0.035	0.108	57.2	2748	57.1
Plain	7 x 7	0.032	0.111	60.4	2824	47.5
Plain	7 x 7	0.028	0.115	64.8	2926	36.2
Plain	8 X 8	0.063	0.062	24.6	1578	218.5
Plain	8 X 8	0.054	0.071	32.3	1807	164.3
Plain	8 X 8	0.047	0.078	38.9	1985	122.1
Plain	8 X 8	0.041	0.084	45.2	2137	91.5
Plain	8 X 8	0.035	0.09	51.8	2290	65.1
Plain	8 X 8	0.032	0.093	55.4	2366	54.6
Plain	8 X 8	0.028	0.097	60.2	2468	47.1
Plain	8 X 8	0.025	0.1	64	2545	32.9
Plain	9 X 9	0.041	0.07	39.7	1781	104.2
Plain	9 X 9	0.035	0.076	46.8	1934	74.7
Plain	9 X 9	0.032	0.079	50.6	2010	62.0
Plain	9 X 9	0.028	0.083	55.8	2112	47.1
Plain	9 X 9	0.025	0.086	59.9	2188	37.3
Plain	9 X 9	0.023	0.088	62.7	2239	31.4
Plain	10 x 10	0.047	0.053	28.1	1349	149.9
Plain	10 x 10	0.041	0.059	34.8	1501	117.5
Plain	10 x 10	0.035	0.065	42.3	1654	83.9
Plain	10 x 10	0.032	0.068	46.2	1730	69.5
Plain	10 x 10	0.028	0.072	51.8	1832	52.6
Plain	10 x 10	0.025	0.075	56.3	1908	41.6
Plain	10 x 10	0.023	0.077	59.3	1959	35.1
Plain	10 x 10	0.020	0.08	64	2036	26.4
Plain	11 x 11	0.032	0.059	42.1	1501	77.2
Plain	11 x 11	0.028	0.063	48	1603	58.4
Plain	11 x 11	0.025	0.066	52.7	1679	46.1
Plain	11 x 11	0.023	0.068	56	1730	38.8
Plain	11 x 11	0.020	0.071	61	1807	29.1
Plain	11 x 11	0.018	0.073	64.5	1857	23.5
Plain	12 x 12	0.032	0.051	37.5	1298	85.1
Plain	12 x 12	0.028	0.055	43.6	1399	64.1
Plain	12 x 12	0.025	0.058	48.4	1476	50.6
Plain	12 x 12	0.023	0.06	51.8	1527	42.6
Plain	12 x 12	0.020	0.063	57.2	1603	31.9
Plain	12 x 12	0.018	0.065	60.8	1654	25.8
Plain	14 x 14	0.028	0.043	36.2	1094	76.3
Plain	14 x 14	0.025	0.046	41.5	1170	59.9



Weave Type	Mesh Count	Wire Dia. (in.)	Opening (in.)	Open Area (%)	Opening (Micron)	Weight lb/100 ft <sup>2</sup> based on SS304
Plain	14 x 14	0.023	0.048	45.2	1221	50.3
Plain	14 x 14	0.020	0.051	51	1298	37.6
Plain	14 x 14	0.018	0.053	55.1	1349	37.6
Plain	14 x 14	0.017	0.054	57.2	1374	26.9
Plain	14 x 14	0.009	0.062	76.4	1578	9.0
Plain	16 x 16	0.028	0.0345	30.5	878	84.4
Plain	16 x 16	0.025	0.0375	36	954	69.6
Plain	16 x 16	0.023	0.0395	39.9	1005	58.3
Plain	16 x 16	0.020	0.0425	46.2	1081	43.4
Plain	16 x 16	0.018	0.0445	50.7	1132	34.8
Plain	16 x 16	0.016	0.0465	55.4	1183	27.4
Plain	16 x 16	0.009	0.0535	73.3	1361	8.6
Plain	18 x 18	0.025	0.0306	30.3	779	75.8
Plain	18 x 18	0.023	0.0326	34.4	830	66.7
Plain	18 x 18	0.020	0.0356	41.1	906	49.5
Plain	18 x 18	0.018	0.0376	45.8	957	39.6
Plain	18 x 18	0.017	0.0386	48.3	982	35.1
Plain	18 x 18	0.016	0.0396	50.8	1008	31.0
Plain	18 x 18	0.015	0.0406	53.4	1033	27.1
Plain	18 x 18	0.014	0.0416	56.1	1059	23.5
Plain	18 x 18	0.0135	0.0421	57.4	1071	21.8
Plain	18 x 18	0.009	0.0466	70.2	1186	9.6
Plain	20 x 20	0.028	0.022	19.4	560	110.4
Plain	20 x 20	0.025	0.025	25	636	85.9
Plain	20 x 20	0.023	0.027	29.2	687	71.5
Plain	20 x 20	0.020	0.03	36	763	55.8
Plain	20 x 20	0.018	0.032	41	814	44.5
Plain	20 x 20	0.017	0.033	43.6	840	39.5
Plain	20 x 20	0.016	0.034	46.2	865	34.7
Plain	20 x 20	0.015	0.035	49	891	30.4
Plain	20 x 20	0.014	0.036	51.8	916	26.4
Plain	20 x 20	0.013	0.037	54.8	941	22.6
Plain	20 x 20	0.009	0.041	67.2	1043	10.6
Plain	22 x 22	0.016	0.0295	42.1	751	38.6
Plain	22 x 22	0.015	0.0305	45	776	33.7
Plain	22 x 22	0.0135	0.0315	48	802	27.1
Plain	22 x 22	0.0075	0.038	69.7	967	8.2
Plain	24 x 24	0.017	0.0247	35.1	628	48.5
Plain	24 x 24	0.016	0.0257	38	654	42.5
Plain	24 x 24	0.015	0.0267	41.1	679	37.1
Plain	24 x 24	0.014	0.0277	44.2	705	32.1
Plain	24 x 24	0.013	0.0287	47.4	730	27.5
Plain	24 x 24	0.012	0.0297	50.8	756	23.2



Weave Type	Mesh Count	Wire Dia. (in.)	Opening (in.)	Open Area (%)	Opening (Micron)	Weight lb/100 ft <sup>2</sup> based on SS304
Plain	24 x 24	0.011	0.0307	54.3	781	19.4
Plain	24 x 24	0.010	0.0317	57.9	807	16.0
Plain	24 x 24	0.0075	0.0342	67.2	870	8.9
Plain	26 x 26	0.013	0.0255	44	649	30.0
Plain	26 x 26	0.012	0.0265	47.5	674	25.4
Plain	26 x 26	0.011	0.0275	51.1	700	21.1
Plain	26 x 26	0.010	0.0285	54.9	725	17.4
Plain	26 x 26	0.0095	0.0295	56.9	751	15.7
Plain	26 x 26	0.0075	0.031	64.8	789	9.5
Plain	28 x 28	0.0135	0.0222	38.6	565	35.2
Plain	28 x 28	0.013	0.0227	40.4	578	32.5
Plain	28 x 28	0.012	0.0237	44	603	27.5
Plain	28 x 28	0.011	0.0247	47.8	628	22.9
Plain	28 x 28	0.010	0.0257	51.8	654	18.8
Plain	28 x 28	0.0095	0.0262	53.8	667	16.9
Plain	28 x 28	0.009	0.0267	55.9	679	15.2
Plain	28 x 28	0.0075	0.0282	62.4	718	10.4
Twill	30 x 30	0.017	0.0163	23.9	415	69.8
Twill	30 x 30	0.016	0.0173	26.9	440	62.4
Twill	30 x 30	0.015	0.0183	30.1	466	47.9
Twill	30 x 30	0.014	0.0193	33.5	491	41.2
Plain	30 x 30	0.0135	0.0198	35.3	504	38.2
Plain	30 x 30	0.013	0.0203	37.1	517	35.1
Plain	30 x 30	0.012	0.0213	40.8	542	29.7
Plain	30 x 30	0.011	0.0223	44.8	567	24.7
Plain	30 x 30	0.010	0.0233	48.9	593	20.2
Plain	30 x 30	0.0095	0.0238	51	606	18.2
Plain	30 x 30	0.009	0.0243	53.1	618	16.3
Plain	30 x 30	0.0085	0.0248	55.4	631	14.4
Plain	30 x 30	0.0065	0.0268	64.8	682	8.4
Plain	32 x 32	0.016	0.0153	24	389	56.6
Plain	32 x 32	0.015	0.0163	27.2	415	49.1
Plain	32 x 32	0.014	0.0173	30.6	440	44.4
Plain	32 x 32	0.0135	0.0178	32.4	453	41.1
Plain	32 x 32	0.013	0.0183	34.3	466	37.9
Plain	32 x 32	0.012	0.0193	38.1	491	31.9
Plain	32 x 32	0.011	0.0203	42.2	517	26.6
Plain	32 x 32	0.010	0.0213	46.5	542	21.7
Plain	32 x 32	0.0095	0.0218	48.7	555	19.5
Plain	32 x 32	0.009	0.0223	50.9	567	17.5
Plain	32 x 32	0.0085	0.0228	53.2	580	15.5
Plain	32 x 32	0.0008	0.0233	55.6	593	13.6
Plain	32 x 32	0.0065	0.0248	62.7	631	9.0



Weave Type	Mesh Count	Wire Dia. (in.)	Opening (in.)	Open Area (%)	Opening (Micron)	Weight lb/100 ft <sup>2</sup> based on SS304
Plain	34 x 34	0.009	0.0204	48.1	519	20.4
Plain	34 x 34	0.0065	0.0229	60.7	583	9.6
Plain	35 x 35	0.013	0.0156	29.8	397	42.0
Plain	35 x 35	0.012	0.0166	33.8	422	35.4
Plain	35 x 35	0.011	0.0176	37.9	448	29.3
Plain	35 x 35	0.010	0.0186	42.4	473	23.9
Plain	36 x 36	0.0065	0.0213	58.7	542	10.2
Plain	36 x 36	0.009	0.0188	45.8	478	21.6
Plain	38 x 38	0.011	0.0153	33.8	389	32.2
Plain	38 x 38	0.010	0.0163	38.4	415	26.3
Plain	38 x 38	0.0095	0.0168	40.8	427	23.5
Plain	38 x 38	0.009	0.0173	43.2	440	21.0
Plain	38 x 38	0.0085	0.0178	45.8	453	20.4
Plain	38 x 38	0.008	0.0183	48.4	466	18.0
Plain	38 x 38	0.0065	0.0198	56.7	504	10.7
Plain	40 x 40	0.012	0.013	27	331	41.3
Plain	40 x 40	0.011	0.014	31.4	356	34.1
Plain	40 x 40	0.010	0.015	36	382	27.9
Plain	40 x 40	0.0095	0.0155	38.4	394	24.9
Plain	40 x 40	0.009	0.016	41	407	22.2
Plain	40 x 40	0.0085	0.0165	43.6	420	19.7
Plain	40 x 40	0.008	0.017	46.2	433	17.2
Plain	40 x 40	0.0065	0.0185	54.8	471	11.3
Plain	42 x 42	0.010	0.0138	33.6	351	29.5
Plain	42 x 42	0.0095	0.0143	36.1	364	26.4
Plain	42 x 42	0.009	0.0148	38.6	377	23.5
Plain	42 x 42	0.0055	0.0183	59.1	466	8.5
Plain	44 x 44	0.0055	0.0172	57.4	438	8.9
Plain	45 x 45	0.008	0.0142	40.8	361	19.8
Plain	46 x 46	0.0055	0.0162	55.8	412	9.3
Plain	48 x 48	0.0055	0.0153	54.2	389	9.7
Plain	50 x 40	0.008	.012 x .017	40.6	369	*
Plain	50 x 50	0.009	0.011	30.3	280	28.7
Plain	50 x 50	0.0085	0.0115	33.1	293	25.4
Plain	50 x 50	0.008	0.012	36	305	22.3
Plain	50 x 50	0.0075	0.0125	39.1	318	19.4
Plain	50 x 50	0.0055	0.0145	52.6	369	10.1
Plain	52 x 52	0.0055	0.0137	51	349	10.5
Plain	54 x 54	0.0055	0.013	49.4	331	10.9
Plain	55 x 55	0.007	0.0112	37.9	285	20.4
Plain	58 x 58	0.0045	0.0127	54.6	323	7.8
Plain	60 x 40	0.0065	.0102 x .0185	44.4	365	*
Plain	60 x 50	0.0065	.0102 x .0135	41.4	302	*

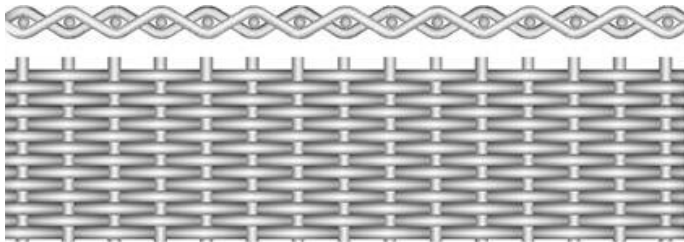
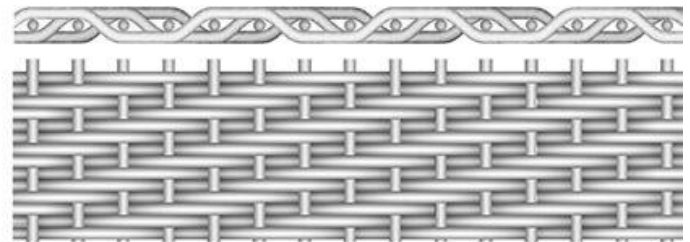


Weave Type	Mesh Count	Wire Dia. (in.)	Opening (in.)	Open Area (%)	Opening (Micron)	Weight lb/100 ft2 based on SS304
Twill	60 x 60	0.011	0.0057	11.7	145	43.3
Twill	60 x 60	0.010	0.0067	16.2	170	38.3
Plain	60 x 60	0.0075	0.0092	30.5	234	23.9
Plain	60 x 60	0.007	0.0097	33.9	247	20.6
Plain	60 x 60	0.0065	0.0102	37.5	260	17.6
Plain	60 x 60	0.006	0.0107	41.2	272	14.8
Plain	60 x 60	0.0045	0.0122	53.3	310	8.1
Plain	62 x 62	0.0045	0.0116	51.7	295	8.4
Plain	64 x 64	0.0045	0.0111	50.7	282	8.7
Plain	70 x 70	0.0065	0.0078	29.8	198	21.0
Plain	70 x 70	0.0037	0.016	54.9	407	6.0
Plain	72 x 72	0.0037	0.0102	53.8	260	6.2
Plain	74 x 74	0.0037	0.009	52.7	229	6.4
Plain	76 x 76	0.0037	0.0095	51.7	242	6.6
Plain	78 x 78	0.0037	0.0091	50.6	232	6.8
Plain	80 x 70	0.0055	.007 x .0088	34.4	201	17.0
Twill	80 x 80	0.007	0.0055	19.4	140	27.7
Plain	80 x 80	0.0055	0.007	31.4	178	17.1
Plain	80 x 80	0.005	0.0075	36	191	13.9
Plain	80 x 80	0.0037	0.0088	49.6	224	6.9
Plain	84 x 84	0.0035	0.0084	49.8	214	6.9
Plain	88 x 88	0.0035	0.0079	47.9	201	7.2
Plain	90 x 90	0.0035	0.0076	47.8	193	7.3
Plain	94 x 94	0.0035	0.0071	45.4	181	7.7
Plain	100 x 90	0.0045	.0055 x .0066	32.6	154	14.0
Plain	100 x 100	0.0045	0.0055	30.3	140	14.3
Plain	100 x 100	0.004	0.006	36	153	11.1
Plain	105 x 105	0.003	0.0065	46.9	165	6.3
Plain	120 x 120	0.0037	0.0046	30.7	117	10.3
Plain	120 x 120	0.0026	0.0058	47.3	148	5.0
Plain	135 x 135	0.0023	0.0051	47.4	130	4.8
Plain	145 x 145	0.0022	0.0047	46.4	120	4.9
Plain	150 x 150	0.0026	0.0041	37.4	104	7.2
Plain	165 x 165	0.0019	0.0042	47.1	107	4.2
Plain	180 x 180	0.0023	0.0033	34.7	84	7.5
Plain	200 x 200	0.0023	0.0027	29.1	69	7.3
Plain	200 x 200	0.0021	0.0029	33.6	74	6.3
Plain	200 x 200	0.0016	0.0034	46.2	87	3.6
Plain	230 x 230	0.0014	0.0029	46	74	3.4
Plain	250 x 250	0.0016	0.0024	36	61	4.3
Twill	270 x 270	0.0016	0.0021	32.2	53	4.8
Plain	300 x 300	0.0012	0.0018	29.7	46	3.0
Twill	325 x 325	0.0014	0.0017	30	43	4.3



Twill	400 x 400	0.0011	0.0014	31.4	36	3.4
Twill	500 x 500	0.0010	0.001	25	25	*
Twill	635 x 635	0.0008	0.0008	25	20	*

## 2. DUTCH WEAVE

**Plain Dutch Weave****Twill Dutch Weave**

### PLAIN DUTCH WEAVE

Mesh	Wire Dia. (In.)	Absolute Filtration Fineness (µm)	Nominal Filtration Fineness (µm)
8 x 85	.014 x .0126	318-340	250-255
12 x 64	.024 x .0165	270-285	200-205
14 x 88	.020 x .013	225-245	150-155
20 x 150	.0098 x .007	155-165	100-105
24 x 100	.015 x .010	115-125	80-85
30 x 150	.009 x .007	95-100	65-70
40 x 200	.007 x .0055	65-70	55-60
50 x 250	.0055 x .0045	55-60	40-45
80 x 400	.0049 x .0028	43-48	35-40

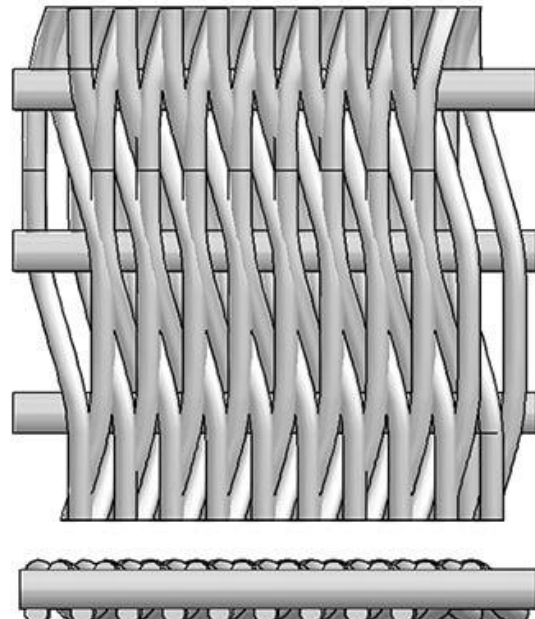
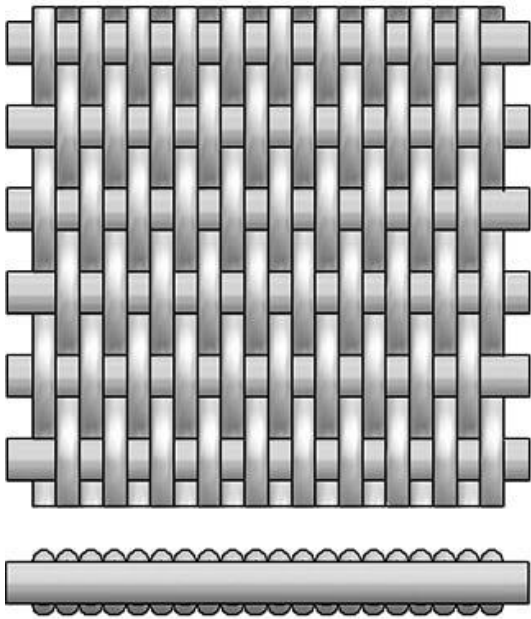
### TWILL DUTCH WEAVE

Mesh	Wire Dia. (In.)	Absolute Filtration Fineness (µm)	Nominal Filtration Fineness (µm)
20 x 250	.0098 x .0079	110-120	98-105
30 x 360	.0098 x .0060	90-100	80-84
40 x 560	.0070 x .0040	70-75	47-52
120 x 400	.0040 x .0025	50-55	37-43
120 x 160	.0040 x .0025	40-45	28-32
80 x 700	.0040 x .0030	35-40	24-26
200 x 600	.0024 x .0018	28-32	19-21
165 x 800	.0028 x .0020	24-26	14-16
165 x 1400	.0028 x .0016	16-18	9-11
200 x 1400	.0028 x .0016	12-14	5-6
250 x 1400	.0022 x .0016	11-12	3-4
325 x 2300	.0015 x .0010	8-9	2-3





### 3. REVERSE DUTCH WEAVE



Plain Reverse Dutch Weave

Twill Reverse Dutch Weave

Mesh	Wire Dia. (In.)	Absolute Filtration Fineness (µm)	Nominal Filtration Fineness (µm)
20 x 250	.0098 x .0079	110-120	98-105
30 x 360	.0098 x .0060	90-100	80-84
40 x 560	.0070 x .0040	70-75	47-52
120 x 400	.0040 x .0025	50-55	37-43
120 x 160	.0040 x .0025	40-45	28-32
80 x 700	.0040 x .0030	35-40	24-26
200 x 600	.0024 x .0018	28-32	19-21
165 x 800	.0028 x .0020	24-26	14-16
165 x 1400	.0028 x .0016	16-18	9-11
200 x 1400	.0028 x .0016	12-14	5-6
250 x 1400	.0022 x .0016	11-12	3-4
325 x 2300	.0015 x .0010	8-9	2-3