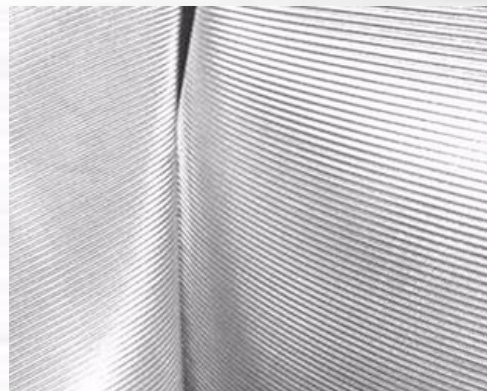




WIRE MESH
WEB WIRE MESH CO.,LTD

Stainless Steel Mesh

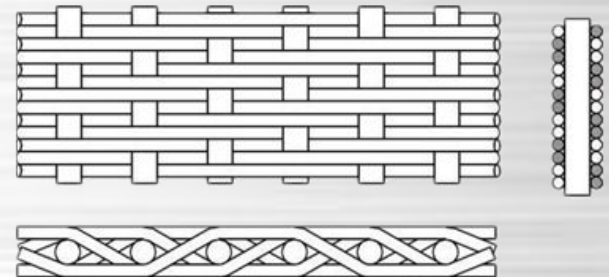


Twill Dutch Weave

Stainless Steel Wire Mesh Twill Dutch Weave

Twill Dutch Weave

Each warp wire and each weft wire passes over and under the next two adjacent complementary wires, as in a normal twill weave, except the warp wires are larger in diameter than the weft wires

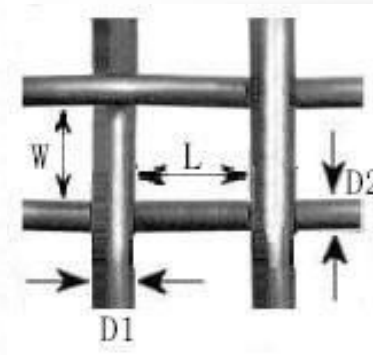


Mesh

Number of openings in a linear inch measured from the center of one wire to a point 1" distant.

$$\text{Warp Mesh} = \frac{25.4 \text{ mm}}{D1 \text{ (mm)} + L \text{ (mm)}}$$

$$\text{Weft Mesh} = \frac{25.4 \text{ mm}}{D2 \text{ (mm)} + W \text{ (mm)}}$$



Opening (W x L)

Clear opening between adjacent parallel wires; not affected by diameter of the wire.

Warp Wire Diameter (D1)

Weft Wire Diameter (D2)

Stainless Steel Wire Mesh Twill Dutch Weave

Mesh Warp x Weft	Wire		Aperture	Weight	
	mm	inch	µm	kgs/m ²	lbs/m ²
20x150	0.45x0.355	0.177x0.0139	101	5.73	12.606
20x200	0.355x0.28	0.0139x0.0110	118	4.55	10.01
20x270	0.25x0.20	0.0098x0.0078	119	3.01	6.622
24x300	0.28x0.18	0.0110x0.0070	110	2.9	6.38
30x270	0.28x0.20	0.0110x0.0078	77	3.28	7.216
30x340	0.28x0.16	0.0110x0.0062	89	2.76	6.072
40x430	0.18x0.125	0.0070x0.0049	63	2	4.4
40x540	0.18x0.10	0.0070x0.0039	70	1.67	3.674
50x500	0.14x0.11	0.0055x0.0043	47	1.75	3.85
50x600	0.125x0.09	0.0049x0.0035	51	1.41	3.102
65x600	0.14x0.09	0.0055x0.0035	36	1.53	3.366
70x600	0.14x0.09	0.0055x0.0035	31	1.39	3.058
78x680	0.112x0.08	0.0044x0.0031	29	1.33	2.926
78x760	0.112x0.071	0.0044x0.0027	-	1.2	2.64
80x680	0.112x0.08	0.0044x0.0031	28	1.33	2.926
90x760	0.10x0.071	0.0039x0.0027	24	1.18	2.596

Stainless Steel Wire Mesh Twill Dutch Weave

Mesh Warp x Weft	Wire		Aperture	Weight	
	mm	inch	µm	kgs/m ²	lbs/m ²
90x850	0.10x0.063	0.0039x0.0024	26	1.06	2.332
100x760	0.10x0.071	0.0039x0.0027	20	1.2	2.64
100x850	0.10x0.063	0.0039x0.0024	22	1.09	2.398
130x1100	0.071x0.05	0.0027x0.0019	17	0.85	1.87
130x1200	0.071x0.045	0.0027x0.0017	18	0.77	1.694
130x1500	0.063x0.036	0.0024x0.0014	21	0.61	1.342
150x1400	0.063x0.04	0.0024x0.0015	15	0.7	1.54
160x1500	0.063x0.036	0.0024x0.0014	-	0.64	1.408
165x1400	0.063x0.04	0.0024x0.0015	-	0.721	1.5862
165x1500	0.063x0.036	0.0024x0.0014	14	0.65	1.43
174x1400	0.063x0.04	0.0024x0.0015	11	0.73	1.606
174x1700	0.063x0.032	0.0024x0.0012	13	0.6	1.32
203x1500	0.056x0.036	0.0022x0.0014	9	0.64	1.408
203x1600	0.05x0.032	0.0019x0.0012	10	0.53	1.166
216x1800	0.045x0.03	0.0017x0.0011	-	0.51	1.122
250x1600	0.05x0.032	0.0019x0.0012	-	0.56	1.232

Stainless Steel Wire Mesh Twill Dutch Weave

Mesh Warp x Weft	Wire		Aperture	Weight	
	mm	inch	µm	kgs/m ²	lbs/m ²
250x1900	0.04x0.028	0.0015x0.0011	8	0.47	1.034
285x2100	0.036x0.025	0.0014x0.0009	7	0.42	0.924
300x2100	0.036x0.025	0.0014x0.0009	6	0.42	0.924
317x2100	0.036x0.025	0.0014x0.0009	5	0.43	0.946
325x2300	0.036x0.024	0.0014x0.0009	4	0.43	0.946
363x2300	0.032x0.022	0.0012x0.0008	-	0.37	0.814
400x2700	0.028x0.02	0.0011x0.0007	-	0.34	0.748
500x3500	0.025x0.015	0.0009x0.0005	3	0.27	0.594

Stainless Steel Wire Mesh Twill Dutch Weave



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