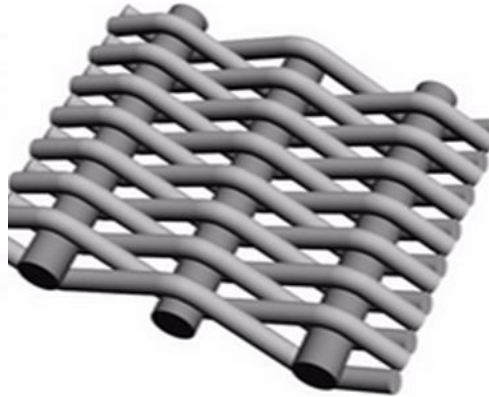
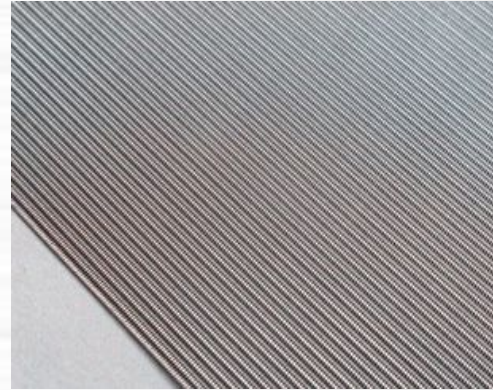




WIRE MESH
WEB WIRE MESH CO.,LTD

Stainless Steel Mesh

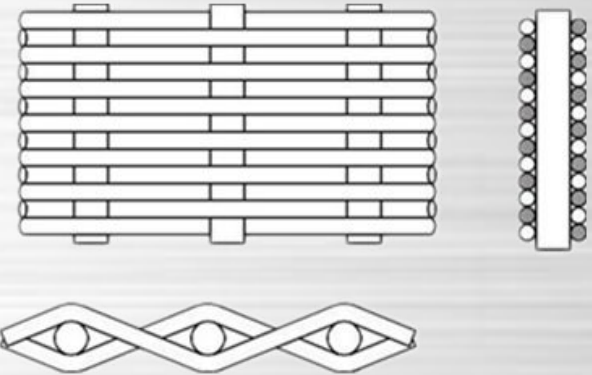


Plain Dutch Weave

Stainless Steel Wire Mesh Plain Dutch Weave

Plain Dutch Weave

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

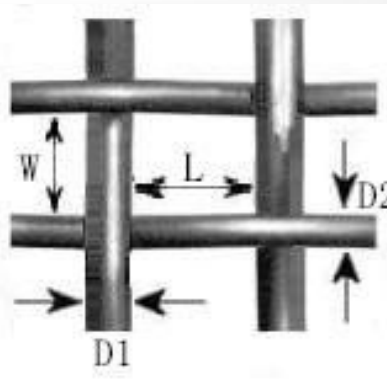


Mesh

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 Plain Dutch Weave

Mesh Warp x Weft	Wire		Aperture	Weight	
	mm	inch	µm	kgs/m ²	lbs/m ²
7x40	0.90x0.71	0.0354x0.0279	347	6.45	14.19
7x44	0.71x0.63	0.0279x0.0248	319	5.24	11.528
8x45	0.80x0.60	0.0341x0.0236	310	5.33	11.726
8x85	0.45x0.315	0.0177x0.0124	275	2.51	5.522
8.5x60	0.63x0.45	0.0248x0.0177	296	3.88	8.536
10x76	0.50x0.355	0.0196x0.0139	248	3.02	6.644
10x90	0.45x0.28	0.0177x0.0110	249	2.27	4.994
12x64	0.56x0.40	0.0220x0.0157	210	3.5	7.7
12x86	0.45x0.315	0.0177x0.0124	211	2.74	6.028
12.5x76	0.45x0.355	0.0177x0.0139	192	3.02	6.644
14x76	0.45x0.355	0.0177x0.0139	173	3.1	6.82
14x100	0.40x0.28	0.0157x0.0110	182	2.52	5.544
14x110	0.355x0.25	0.0139x0.0098	177	2.16	4.752
16x100	0.40x0.28	0.157x0.0110	160	2.6	5.72
16x120	0.28x0.224	0.0110x0.0088	145	1.81	3.982
17x120	0.355x0.224	0.0139x0.0088	155	2.04	4.488
20x110	0.355x0.25	0.0139x0.0098	126	2.34	5.148

Stainless Steel Wire Mesh Plain Dutch Weave

Mesh Warp x Weft	Wire		Aperture	Weight	
	mm	inch	µm	kgs/m ²	lbs/m ²
20x140	0.315x0.20	0.0124x0.0078	133	1.89	4.158
20x170	0.25x0.16	0.0098x0.0062	130	1.4	3.08
22x120	0.315x0.224	0.0124x0.0088	115	2.05	4.51
24x110	0.355x0.25	0.0139x0.0098	97	2.47	5.434
25x140	0.28x0.20	0.0110x0.0078	100	1.89	4.158
28x150	0.28x0.18	0.0110x0.0070	92	1.76	3.872
30x140	0.315x0.20	0.124x0.0078	77	2.14	4.708
30x150	0.25x0.18	0.0098x0.0070	82	1.68	3.696
35x170	0.224x0.16	0.0088x0.0062	69	1.52	3.344
35x190	0.224x0.14	0.0088x0.0055	74	1.37	3.014
40x200	0.18x0.135	0.0070x0.0053	63	1.23	2.706
45x250	0.16x0.11	0.0062x0.0043	56	1.04	2.288
50x250	0.14x0.112	0.0055x0.0044	53	1.03	2.266
50x270	0.14x0.10	0.0055x0.0039	50	0.92	2.024
50x300	0.16x0.09	0.0062x0.0035	55	0.92	2.024
60x270	0.14x0.10	0.0055x0.0039	39	0.97	2.134
60x300	0.14x0.09	0.0055x0.0035	41	0.9	1.98

Stainless Steel Wire Mesh Plain Dutch Weave

Mesh Warp x Weft	Wire		Aperture	Weight	
	mm	inch	µm	kgs/m ²	lbs/m ²
60x500	0.14x0.055	0.0055x0.0021	51	0.67	1.474
65x390	0.125x0.071	0.0049x0.0027	42	0.74	1.628
65x750	0.10x0.036	0.0039x0.0014	36	0.4	0.88
70x340	0.125x0.08	0.0049x0.0031	35	0.81	1.782
70x350	0.12x0.08	0.0047x0.0031	35	0.81	1.782
70x390	0.112x0.071	0.0044x0.0027	-	0.71	1.562
70x400	0.12x0.07	0.0047x0.0027	-	0.74	1.628
70x930	0.10x0.03	0.0039x0.0011	30	0.38	0.836
77x560	0.14x0.05	0.0055x0.0019	38	0.72	1.584
80x350	0.10x0.086	0.0039x0.0033	-	0.84	1.848
80x400	0.10x0.07	0.0039x0.0027	40	0.69	1.518
80x430	0.125x0.063	0.0049x0.0024	32	0.74	1.628
80x600	0.1x0.045	0.0039x0.0017	37	0.5	1.1
80x700	0.125x0.04	0.0049x0.0015	40	0.59	1.298
100x600	0.10x0.045	0.0039x0.0017	-	0.55	1.21
100x800	0.10x0.035	0.0039x0.0013	-	0.5	1.1
100x1200	0.063x0.023	0.0024x0.0009	23	0.25	0.55

Stainless Steel Wire Mesh Plain Dutch Weave



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