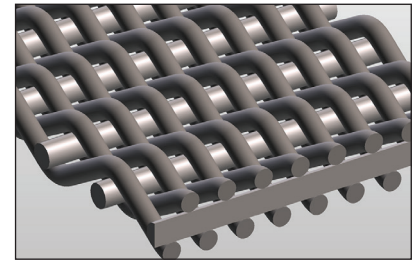


Plain Dutch Weave

Wire Diameters and Specifications

Like plain weave, the wire in plain dutch weave is interwoven but the warp wires are thicker than the shute wires. These are arranged very close together to form a zero-mesh structure. This generates a weave that has high inherent stability with a relatively small mesh size. Plain dutch weave has excellent filtration qualities and can be easily cleaned of filtrate deposits and residual dirt.



Mesh Per Inch Warp x Shute	Wire Diameter D				Porosity %	Thickness		Weight		Micron Retention μm (Nominal)
	inches		mm			inches	mm	Lbs/sq. ft.	Kg/m ²	
	warp	shute	warp	shute						
8x85	0.014	0.013	0.360	0.330	66	0.039	0.99	0.53	2.57	310
10x56	0.028	0.020	0.710	0.500	58	0.077	1.95	0.97	4.76	305
10x70	0.024	0.016	0.600	0.400	61	0.056	1.42	0.76	3.70	300
10x88	0.020	0.013	0.500	0.330	63	0.033	0.83	0.62	3.02	265
12x64	0.024	0.017	0.600	0.420	57	0.057	1.45	0.80	3.90	250
12x95	0.020	0.012	0.500	0.300	63	0.033	0.84	0.59	2.89	220
14x88	0.020	0.013	0.500	0.320	48	0.045	1.14	0.64	3.13	250
14x110	0.014	0.010	0.360	0.250	62	0.033	0.85	0.45	2.22	220
16x80	0.017	0.015	0.430	0.380	57	0.041	1.05	0.62	3.05	260
16x120	0.014	0.009	0.360	0.240	62	0.034	0.86	0.46	2.25	150
20x150	0.010	0.007	0.250	0.180	63	0.024	0.61	0.31	1.53	120
24x125 (D)	0.010	0.009	0.250	0.230	45	0.026	0.65	0.50	2.44	100
24x110	0.013	0.009	0.320	0.240	49	0.031	0.80	0.45	2.20	105
24x110	0.014	0.010	0.360	0.260	60	0.028	0.71	0.55	2.70	60
28x160 (D)	0.010	0.007	0.250	0.180	44	0.028	0.70	0.44	2.13	60
30x150 (D)	0.009	0.008	0.230	0.195	43	0.024	0.60	0.48	2.33	90
30x150	0.009	0.007	0.230	0.180	59	0.019	0.50	0.33	1.60	110
40x200	0.007	0.006	0.180	0.140	58	0.016	0.40	0.27	1.30	80
50x250	0.006	0.004	0.140	0.112	61	0.014	0.36	0.21	1.03	55
50x250 (D)	0.004	0.004	0.112	0.112	61	0.013	0.33	0.19	0.95	50
50x280	0.006	0.004	0.140	0.100	61	0.013	0.33	0.19	0.95	50
80x300	0.005	0.004	0.125	0.090	51	0.012	0.30	0.19	0.92	45
80x400	0.005	0.003	0.125	0.071	55	0.010	0.25	0.17	0.82	40
120x650 (D)	0.002	0.002	0.050	0.042	43	0.005	0.12	0.09	0.44	35

D = Double Warp Wires