Plain Dutch Weave Wire Mesh

Plain Dutch weave filter meshes are offered in a range of 40 µm to 300 µm, the meshes are produced in a plain weave pattern whilst the warp wires are interwoven with higher spaces than the weft wires. It offers closed surface so that filtration occurs at the level where warp and weft wires join.

With great mechanical stability, the plain Dutch weaving mesh is used in drum filters, nutsch filters, cartridge filters and vertical pressure leaf filters.

Plain Dutch Weave Mesh Specification

Mesh/inch Warp x weft	Warp x Weft	Aperture size	Weight	Thickness
7 x 40	0.9 x 0.71 mm	347 µm	6.65 kg/m2	2.32 µm
7 x 44	0.71 x 0.63 mm	319 µm	5.55 kg/m2	1.97 µm
8 x 45	0.8 x .6 mm	310 µm	5.7 kg/m2	2 µm
8.5 x 60	.63 x .45 mm	296 µm	4.16 kg/m2	1.53 µm
8 x 85	.45 x .315 mm	275 µm	2.73 kg/m2	1.08 µm
10 x 90	.45 x .28 mm	249 µm	2.57 kg/m2	1.01 µm
10 x 76	.5 x .35 mm	248 µm	3.24 kg/m2	1.21 µm
12 x 86	.45 x .315 mm	211 µm	2.93 kg/m2	1.08 µm
12 x 64	.56 x .4 mm	211 µm	3.89 kg/m2	1.36 µm
12.5 x 76	.45 x .355 mm	192 µm	3.26 kg/m2	1.16 µm
14 x 100	.4 x .28 mm	182 µm	2.62 kg/m2	.96 µm
14 x 110	.355 x .25 mm	177 µm	2.28 kg/m2	.855 µm
14 x 76	.45 x .355 mm	173 µm	3.33 kg/m2	1.16 µm
16 x 100	.4 x .28 mm	160 µm	2.7 kg/m2	.96 µm
17 x 120	.355 x .224 mm	155 µm	2.19 kg/m2	.803 µm
16 x 120	0.28 x 0.224 mm	145 µm	1.97 kg/m2	.728 µm
20 x 140	0.315 x 0.20 mm	133 µm	1.97 kg/m2	.715 µm
20 x 170	0.25 x 0.16 mm	130 µm	1.56 kg/m2	.57 µm
20 x 110	0.355 x 0.25 mm	126 µm	2.47 kg/m2	.855 µm
22 x 120	0.315 x 0.224 mm	115 µm	2.20 kg/m2	.763 µm
25 x 140	0.28 x 0.2 mm	100 µm	1.96 kg/m2	.68 µm
24 x 110	0.355 x 0.25 mm	97 µm	2.60 kg/m2	.855 µm
28 x 150	.28 x .18 mm	92 µm	1.87 kg/m2	.64 µm
30 x 150	.25 x .18 mm	82 µm	1.79 kg/m2	.61 µm
30 x 140	.315 x .20 mm	77 µm	2.21 kg/m2	.715 µm
35 x 190	.224 x .14 mm	74 µm	1.47 kg/m2	.504 µm
35 x 170	.224 x .16 mm	69 µm	1.62 kg/m2	.544 µm
40 x 200	.18 x .135 mm	63 µm	1.24 kg/m2	.43 µm
45 x 250	.16 x .11 mm	56 µm	1.11 kg/m2	.384 µm
50 x 300	.16 x .09 mm	55 µm	.98 kg/m2	.34 µm

60 x 500	.14 x .055 mm	51 µm	.70 kg/m2	.252 µm
50 x 270	.14 x .10 mm	50 µm	.98 kg/m2	.34 µm
70 x 930	.10 x .03 mm	30 µm	.39 kg/m2	.16 µm
65 x 390	.125 x .071 mm	42 µm	.78 kg/m2	.267 µm
60 x 300	.14 x .09 mm	41 µm	.96 kg/m2	.32 µm
80 x 700	.125 x .04 mm	40 µm	.60 kg/m2	.205 µm
60 x 270	.14 x .1 mm	39 µm	1.03 kg/m2	.34 µm
77 x 560	.14 x .05 mm	38 µm	.74 kg/m2	.24 µm
80 x 600	.1 x .045 mm	37 µm	.53 kg/m2	.19 µm
70 x 390	.112 x .071 mm	37 µm	.74 kg/m2	.254 µm
65 x 750	.10 x .036 mm	36 µm	.43 kg/m2	.172 µm
70 x 340	.125 x .08 mm	35 µm	.86 kg/m2	.285 µm
80 x 460	.125 x .063 mm	32 µm	.77 kg/m2	.251 µm
100 x 1200	.063 x .023 mm	23 µm	.27 kg/m2	.109 µm
118 x 750	.063 x .023 mm	23 µm	.38 kg/m2	.35 µm