

Nickel Wire Mesh Specification Table:

Weaving method	Mesh count	Wire diameter(mm)	Aperture(mm)
Plain	1	2×2	23.4
Plain	2	1.5×1.5	11.2
Plain	3	1.0×1.0	7.466
Plain	4	0.9×0.9	5.45
Plain	5	0.8×0.8	4.28
Plain	6	0.7×0.7	3.53
Plain	7	0.6×0.6	3.02
Plain	8	0.5×0.5	2.675
Plain	9	0.5×0.5	2.322
Plain	10	0.8×0.8	1.74
Plain	11	0.7×0.7	1.609
Plain	12	0.6×0.6	1.516
Plain	13	0.5×0.5	1.453
Plain	14	0.4×0.4	1.414
Plain	15	0.4×0.4	1.293
Plain	16	0.35×0.35	1.237
Plain	17	0.35×0.35	1.144
Plain	18	0.35×0.35	1.061
Plain	19	0.35×0.35	0.986
Plain	20	0.3×0.3	0.97
Plain	21	0.3×0.3	0.909
Plain	22	0.3×0.3	0.854
Plain	23	0.25×0.25	0.854
Plain	24	0.2×0.2	0.858
Plain	25	0.2×0.2	0.816
Plain	26	0.2×0.2	0.776
Plain	27	0.2×0.2	0.740
Plain	28	0.3×0.3	0.607
Plain	29	0.3×0.3	0.575

Plain	30	0.3×0.3	0.546
Plain	40	0.25×0.25	0.385
Plain	50	0.2×0.2	0.308
Plain	60	0.15×0.15	0.273
Plain	70	0.14×0.14	0.222
Plain	80	0.12×0.12	0.197
Plain	90	0.11×0.11	0.172
Plain	100	0.10×0.10	0.154
Plain	120	0.08×0.08	0.131
Plain	150	0.07×0.07	0.099
Plain	180	0.05×0.05	0.091
Plain	200	0.05×0.05	0.077
Plain	250	0.04×0.04	0.0616
Plain	270	0.035×0.035	0.059
Plain	300	0.03×0.03	0.054
Plain	325	0.027×0.027	0.051
Plain	350	0.025×0.025	0.047
Plain	380	0.02×0.02	0.046
Plain	400	0.018×0.018	0.0455
Weaving method	Mesh count	Wire diameter(mm)	Aperture(mm)
Twill	100	0.14×0.14	0.114
Twill	120	0.10×0.10	0.111
Twill	150	0.09×0.09	0.079
Twill	180	0.07×0.07	0.071
Twill	200	0.06×0.06	0.067
Twill	250	0.045×0.045	0.0566
Twill	300	0.04×0.04	0.0446
Twill	325	0.035×0.035	0.043
Twill	350	0.032×0.032	0.0405
Twill	400	0.03×0.03	0.0335
Twill	450	0.026×0.026	0.0304
Twill	500	0.025×0.025	0.0258

Twill	600	0.018×0.018	0.0243
Twill	635	0.018×0.018	0.022

Weaving method	Mesh count	Wire diameter(mm)	Aperture(mm)
Dutch	20×270	0.25×0.2	119
Dutch	20×200	0.355×0.28	118
Dutch	24×300	0.28×0.18	110
Dutch	20×150	0.45×0.355	101
Dutch	30×340	0.28×0.16	89
Dutch	30×270	0.28×0.20	77
Dutch	40×540	0.18×0.10	70
Dutch	40×430	0.18×0.125	63
Dutch	50×600	0.125×0.09	51
Dutch	50×500	0.14×0.11	47
Dutch	65×600	0.14×0.09	36
Dutch	70×600	0.14×0.09	31
Dutch	78×760	0.112×0.071	
Dutch	78×680	0.112×0.08	29
Dutch	80×680	0.112×0.08	28
Dutch	90×850	0.10×0.063	26
Dutch	90×760	0.10×0.071	24
Dutch	100×850	0.10×0.063	22
Dutch	130×1500	0.063×0.036	21
Dutch	100×760	0.10×0.071	20
Dutch	130×1200	0.071×0.045	18
Dutch	130×1100	0.071×0.05	17
Dutch	150×1400	0.063×0.04	15
Dutch	160×1500	0.063×0.036	
Dutch	165×1500	0.063×0.036	14
Dutch	174×1700	0.063×0.032	13
Dutch	165×1400	0.063×0.04	
Dutch	174×1400	0.063×0.04	11
Dutch	203×1600	0.05×0.032	10
Dutch	216×1800	0.045×0.03	
Dutch	203×1500	0.056×0.036	9
Dutch	250×1900	0.04×0.028	8
Dutch	250×1600	0.05×0.032	
Dutch	285×2100	0.036×0.025	7
Dutch	300×2100	0.036×0.025	6
Dutch	317×2100	0.036×0.025	5

Dutch	325×2300	0.036×0.024	4
Dutch	363×2300	0.032×0.022	
Dutch	400×2700	0.028×0.02	
Dutch	500×3500	0.025×0.015	3