PRECISION EFORMING LLC.

Precision Electroformed Mesh
Product Catalog

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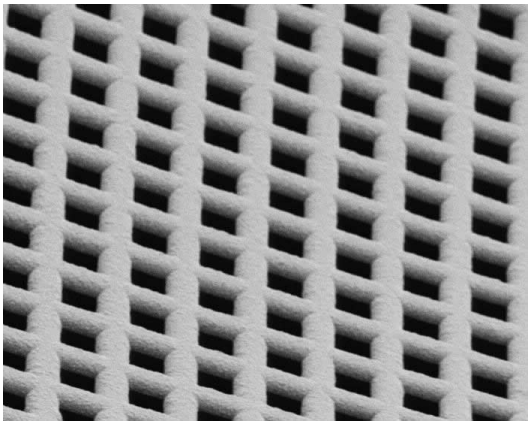
Precision Electroformed Mesh

Precision Eforming's production process was the first established process for manufacturing precision electroformed mesh in the world. Mesh produced from this process was used to establish all current standards including ASTM, ANSI, and ISO. Our Producs include:
•Nickel, Copper, Gold, Black Nickel and Gold Flashed Meshes
•Range from 5 LPI to 2000 LPI independently in each axis
•Range from 3% to 95% open area (Transmission)
•Range in thickness from 3 microns to 250 microns
•Mesh from any designable geometry

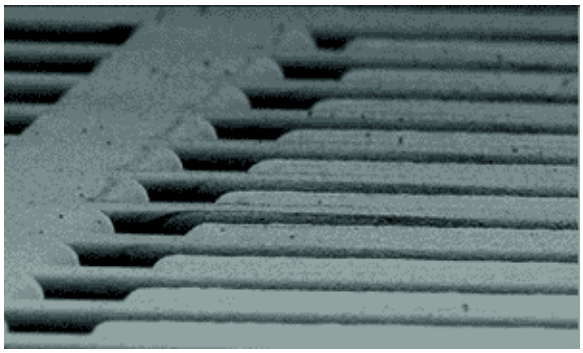


Our mesh can be used in any filtration application:
•Wet or dry
•In hot or cold environments
•For imaging transmission control
•For precise electrical signal control
•For sound (sonic) control

Electroformed Mesh Advantages

Electroforming is a specialized additive process for building high precision mesh products by electro deposition in a plating bath over metal mandrel and then removing it.

Electroforming is ideal for the applications where stamping, photochemical etching and laser cutting simply cannot achieve tight tolerances or complex / specific holeshapes.



Some of the advantages of electroformed mesh products are:

•Ultra Precision
•Flat Materials, burr free
•Sharp edge definition
•Excellent repeatability

Electroformed Mesh Product List (with Part ID numbers)

Other sizes available upon request

Wires Per Inch	Max Size	Space	Wire	Max Trans.	Nickel Part #	Gold Part #	Copper Part #
5	5.5 X 5.5	0.19799	0.00201	98.0%	MN1	MG-1	MC-1
40	10 x 10	0.01871	0.00629	56.0%	MN10	MG-10	MC-10
40	6 x 6	0.01871	0.00629	56.0%	MN11	MG-11	MC-11
45	11 x 11	0.02085	0.00138	88.0%	MN12	MG-12	MC-12
50	11 x 11	0.01732	0.00268	75.0%	MN13	MG-13	MC-13
50	6 x 6	0.01732	0.00268	75.0%	MN14	MG-14	MC-14
55	11 x 11	0.01443	0.00375	63.0%	MN15	MG-15	MC-15
60	11 x 11	0.01424	0.00243	73.0%	MN16	MG-16	MC-16
70	11 x 11	0.01355	0.00073	90.0%	MN17	MG-17	MC-17
80	11 x 11	0.01118	0.00132	80.0%	MN18	MG-18	MC-18
80	6 x 6	0.01152	0.00098	85.0%	MN19	MN-19	MC-19
10	9 X 9	0.09327	0.00673	87.0%	MN2	MG-2	MC-2
90.1	11 x 11	0.01055	0.00055	88.0%	MN20	MG-20	MC-20
100	11 x 11	0.00854	0.00146	73.0%	MN21	MG-21	MC-21
100	6 x 6	0.00922	0.00078	85.0%	MN23	MG-23	MC-23
110	11 x 11	0.00787	0.00122	75.0%	MN24	MG-24	MC-24
120	11 x 11	0.00697	0.00136	70.0%	MN25	MG-25	MC-25
125	11 x 11	0.00645	0.00155	65.0%	MN26	MG-26	MC-26
125 Hex	5.5 X 5.5	0.00669	0.00131	70.0%	MN27	MG-27	MC-27
150	11 x 11	0.0057	0.00097	73.0%	MN28	MG-28	MC-28
20	11 x 11	0.04637	0.00363	86.0%	MN3	MG-3	MC-3
200	11 x 11	0.00406	0.00094	66.0%	MN31	MG-31	MC-31
200	6 x 6	0.00442	0.00058	78.0%	MN32	MG-32	MC-32
250	11 x 11	0.00335	0.00065	70.0%	MN33	MG-33	MC-33
250	6 x 6	0.00325	0.00075	66.0%	MN34	MG-34	MC-34
280	7.5 x 7.5	0.00295	0.00063	68.0%	MN35	MG-35	MC-35
300	11 x 11	0.0026	0.00073	61.0%	MN36	MG-36	MC-36
333	11 x 11	0.0024	0.0006	64.0%	MN37	MG-37	MC-37
333	6 x 6	0.00251	0.00049	70.0%	MN38	MG-38	MC-38
400	11 x 11	0.00194	0.00056	60.0%	MN39	MG-39	MC-39
20	6.5 X 6.5	0.04873	0.00127	95.0%	MN4	MG-4	MC-4
400	7.5 x 7.5	0.00194	0.00056	60.0%	MN40	MG-40	MC-40
500	11 x 11	0.00154	0.00046	59.0%	MN41	MG-41	MC-41
500	6 x 6	0.00155	0.00045	60.0%	MN42	MG-42	MC-42
670	11 x 11	0.00103	0.00046	48.0%	MN43	MG-43	MC-43
750	6 x 6	0.00099	0.00034	55.0%	MN44	MG-44	MC-44
1000	6 x 6	0.00071	0.00029	50.0%	MN45	MG-45	MC-45

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1500	6 x 6	0.00044	0.00022	44.0%	MN46	MG-46	MC-46
2000	6 x 6	0.0003	0.0002	36.0%	MN47	MG-47	MC-47
181	11 x 11	0.00403	0.0015	53.1%	MN48	MG-48	MC-48
117.6	11 x 11	0.008	0.0005	88.6%	MN49	MG-49	MC-49
20	4.5 X 4.5	0.04796	0.00204	92.0%	MN5	MG-5	MC-5
40	11 x 11	0.022	0.003	78.0%	MN50	MG-50	MC-50
83	11 x 11	0.01014	0.0019	70.9%	MN51	MG-51	MC-51
66	11 x 11	0.01225	0.0029	65.4%	MN52	MG-52	MC-52
64.5	11 x 11	0.01291	0.0026	69.3%	MN53	MG-53	MC-53
52.7	11 x 11	0.01518	0.0038	64.0%	MN54	MG-54	MC-54
51	11 x 11	0.01696	0.00265	74.8%	MN55	MG-55	MC-55
48.7	11 x 11	0.01794	0.0026	7630.0%	MN56	MG-56	MC-56
45.4	11 x 11	0.01943	0.0026	77.8%	MN57	MG-57	MC-57
42.6	11 x 11	0.02088	0.026	79.1%	MN58	MG-58	MC-58
38.1	11 x 11	0.0251	0.0011	64.9%	MN59	MG-59	MC-59
25	6.5 x 6.5	0.03688	0.00312	85.0%	MN6	MG-6	MC-6
36	11 x 11	0.02498	0.00279	80.9%	MN60	MG-60	MC-60
34	11 x 11	0.02422	0.00519	68.7%	MN61	MG-61	MC-61
27.8	11 x 11	0.03376	0.00221	88.1%	MN62	MG-62	MC-62
23.3	11 x 11	0.03781	0.00511	77.6%	MN63	MG-63	MC-63
18.5	11 x 11	0.05004	0.00401	85.7%	MN64	MG-64	MC-64
17.86	11 x 11	0.05089	0.0051	82.6%	MN65	MG-65	MC-65
16.48	11 x 11	0.05558	0.0051	83.9%	MN66	MG-66	MC-66
15.7	11 x 11	0.05841	0.00528	84.1%	MN67	MG-67	MC-67
14.8	11 x 11	0.06248	0.00509	85.5%	MN68	MG-68	MC-68
14.5	11 x 11	0.06388	0.00508	85.8%	MN69	MG-69	MC-69
25	11 x 11	0.03752	0.00248	88.0%	MN7	MG-7	MC-7
14	11 x 11	0.06632	0.00511	86.2%	MN70	MG-70	MC-70
13.57	11 x 11	0.06858	0.00511	86.6%	MN71	MG-71	MC-71
13.16	11 x 11	0.07088	0.00511	87.0%	MN72	MG-72	MC-72
12.63	11 x 11	0.07499	0.00419	89.7%	MN73	MG-73	MC-73
12.63	11 x 11	0.07398	0.0052	87.3%	MN74	MG-74	MC-74
12	11 x 11	0.07804	0.00529	87.7%	MN75	MG-75	MC-75
90.1	11 x 11	0.01002	0.00098	83.0%	MN76	MG-76	MC-76
30	11 x 11	0.03162	0.00171	90.0%	MN8	MG-8	MC-8
30	6 x 6	0.03091	0.00242	86.0%	MN9	MG-9	MC-9