

**Detail Specification of polyester screen print mesh for PCB ( circuit board printing)**

**Remark: the below data are theoretic, please reference the actual product.**

TYPE	MEHS COUNT mesh/inch	APERTURE micron	THREADDIA METER micron	OPENING %	THICKNESS micron	INK THROUGH VO LUME THEORETIC ALLY cm3/m2	TENSILE STRENGTH N/CM
36-90	90	185	90	45	155-165	65	59
39-55	100	195	55	56	88-96	55	24
39-80	100	176	80	48	148-153	73	31
43-80	110	147	80	40.8	125-131	53	31
47-55	120	152	55	51	88-96	47.6	29
48-70	120	135	70	41	108-120	45.5	30
53-55	135	128	55	47	88-96	44.5	29
54-64	137	115	64	38.5	95-105	38.9	30
54-70	137	108	70	34	108-120	40	31
58-55	145	118	55	38	89-94	39.5	30
62-64	155	105	64	42	98-107	33	31
64-45	160	105	48	43	73-82	36.5	30
64-55	160	98	55	38	85-95	36.1	30
64-64	160	88	64	30	95-105	30.7	31
68-55	175	85	55	34	85-95	29.2	30
68-64	175	78	64	29	108-110	32	32

72-45	180	92	45	40	68-76	33.1	27.6
72-48	180	90	48	36	75-84	33.1	28
77-48	195	81	48	34	80-85	29	28
77-55	195	75	55	28	86-92	26.6	29
80-48	200	72	48	33	75-84	28.7	27
90-48	230	56	48	25	77-85	23.5	25
100-40	250	58	40	37	66-73	21.3	28.5
110-40	280	52	40	33	78-85	20.5	29.6
120-31	305	49	31	36	50-55	19.5	29
120-34	305	45	34	30.5	52-57	18.4	30.5
120-40	305	37	40	21	65-67	13.5	32
140-34	355	31	34	19.5	56-62	14.4	31
150-31	380	36	31	29	43-47	13.1	30.5
150-34	380	30	34	20.5	56-62	14.9	30.5
165-31	420	31	31	22.5	52-58	12.5	28.9