

TECHNICAL DATA OF SCREEN PRINTING MESH FOR Garments

Polyester monofilament screen printing mesh can transfer thick ink deposits and creat special patterns onto various substrates for high quality commercial garments.

30 mesh/inch to 300 mesh/inch wide ranges of mesh counts for your choice for cost effective and high production efficiency.

- T-shirts.
- Trousers.
- Jackets.
- Shirts



Model	Mesh/cm	Mesh/inch	Aperture (µm)	Thread Dia. (µm)	Open Area (%)	Thickness (µm)	Theoretical Ink (cm ³ /m ²)
12-140	12	30	686	140	68	277	189
13-150	13	33	619	150	64	300	128
16-140	16	40	461	140	58	238	139
21-80	21	55	296	80	69	120	79
21-150	21	55	326	150	46	260	118
22-80	22	56	356	80	66	136	90
24-80	24	60	320	80	63	136	86
24-100	24	60	316	100	57	170	65
28-140	28	70	217	140	40	195	76
32-55	32	80	257	55	67	103	67
32-64	32	80	248	64	63	95	56
32-100	32	80	212	100	46	170	73
36-90	36	92	183	90	44	150	65
39-55	39	100	177	55	56	88	55
43-80	43	110	149	80	41	130	53
47-55	47	120	152	55	51	88	48
48-70	48	122	133	70	41	115	47
53-55	53	135	133	55	50	86	42
54-64	54	137	115	64	39	100	39
54-70	54	137	109	70	35	116	40
61-64	61	155	90	64	31	101	30
64-55	64	160	98	55	38	98	36
64-64	64	160	85	64	30	115	34
68-55	68	175	85	55	34	85	28
68-64	68	175	78	64	28	105	30
72-48	72	182	90	48	36	78	33
72-55	72	182	85	55	30	90	27
80-48	80	200	72	48	33	74	25
90-48	90	230	56	48	25	78	19
100-40	100	255	58	40	33	63	21
110-40	110	280	48	40	27	64	17
120-31	120	305	49	31	35	49	17
120-34	120	305	45	34	30	55	16

Note: The above theoretic data is for reference only, and thickness tolerance is ±5%.