

# TECHNICAL DATA

## Polyester Screen Printing Mesh

### Dimensions

- **Material:** 100% polyester monofilament fiber.
- **Mesh size:** 25 mesh to 420 mesh.
- **Weaving method:** plain weave.
- **Color:** white or yellow.
- **Width:** 0.6–3.68 m
- **Length:** 30/50/100 m and customized lengths.

### Technical Data of Polyester Monofilament Screen Printing Mesh

Specification	Mesh Count	Thread Diameter	Aperture	Opening	Thickness	Ink Through Volume Theoretical	Tensile Strength
	mesh/inch	micron	micron	%	micron	cm <sup>3</sup> /m <sup>2</sup>	n/cm
10-200	25	200	816	65	440	276	42
10-250	25	250	740	53	465	246	60
12-200	30	200	522	47	485	228	62
16-200	40	200	435	47	420	189	48
20-140	50	140	340	46	280	129	52
20-180	50	180	320	41	350	152	56
24-100	60	100	316	58	190	109	48
24-120	60	120	300	51	210	105	42
32-100	80	100	200	43	160	69	42
36-100	90	100	178	41	175	72	42
39-55	100	55	201	62	100	62	30
39-80	100	80	172	46	142	65	42
43-80	110	80	150	41	130	55	35
48-70	120	70	135	41	115	46	32
53-55	135	55	134	50	105	53	34
54-64	137	64	115	39	102	40	30
59-55	150	55	100	40	93	39	32
64-55	160	55	101	42	105	44	30
64-64	160	64	90	32	106	34	35
72-48	180	48	94	46	80	37	32
72-55	180	55	75	29	92	27	32
77-55	195	55	70	25	88	24	29
80*48	200	48	78	30	84	24	29
80-55	200	55	70	25	88	24	29
90-48	230	48	55	25	78	20	33
100-40	250	40	58	32	65	21	29
110-40	280	40	48	27	65	17	30
120-34	300	34	45	30	55	16	30
120-40	300	40	40	20	55	16	29
140-31	350	31	35	26	48	13	27
140-34	350	34	30	20	55	10	30
150-31	380	31	32	23	47	10	28
150-34	380	34	30	20	69	10	30
165-31	420	31	25	17	49	8	28