



EASTAR
www.polyesterscreenmesh.com



SCREEN PRINTING MESH FOR Textiles

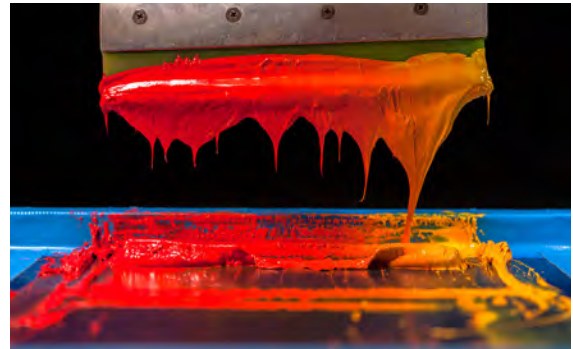
- *Garment*
- *Light Fabrics*
- *Heavy Fabrics*



Screen Printing in Textile

Bright, Individual & Creative

Screen printing is an important production process, which can give textiles brilliant, beautiful and individual. Screen printing mesh has wide ranges of meshes for precious and accurate screen printing. Low elongation and reproducible performance can help you reduce production costs and occupy more markets in your local markets. Screen printing mesh is ideal for light or heavy textile fabric and garments screen printing. You should decide your needed mesh counts according to your substrates.



Features

- Wide product range for all screen printing requirements.
- Efficient production and reproducible for both stencil preparation and screen printing process.
- Low elongation and high accuracy make your screen printing beautiful, high grade and innovative.
- Suitable for various screen printing machines and different printing inks.
- Custom service for stencil makers and solar panel printers.
- Reduce production costs and production loss for your glass printing.
- Competitive prices help you occupy more markets in your local markets..

Applications

For Garments/T-shirts

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

Polyester monofilament screen printing mesh can transfer thick ink deposits and create 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.



For Flatbed Textiles & Heavy Fabrics

- TiO₂ layer
- Insulation layer
- Dye layer
- Electrolyte layer
- Counter electrodes.

Our screen printing meshes can be used with all kinds of ink types with large range of width in flatbed textile printing. It can be used to screen printing for knitted fabrics, blankets, linen fabrics even coarse denim. And the maximum textile width can reach 145 inches.



For High-end Textiles & Light Fabrics

- Chiffon.
- Silk.

160 mesh/inch to 305 mesh/inch screen printing mesh is recommended for high-end light fabric screen printing. It can maximally ensure the precious printing on the silk fabric and complete more complex printing. Polyester screen printing mesh is an ideal choice in standard applications up to exclusive special printing.



TECHNICAL DATA OF SCREEN PRINTING MESH FOR Garments

Polyester monofilament screen printing mesh can transfer thick ink deposits and create 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%.

TECHNICAL DATA OF SCREEN PRINTING MESH FOR Heavy Fabrics

Our screen printing meshes can be used with all kinds of ink types with large range of width in flatbed textile printing. It can be used to screen printing for knitted fabrics, blankets, linen fabrics even coarse denim. And the maximum textile width can reach 145 inches.

- Bed linen.
- Curtaining fabrics.
- Other heavy fabrics

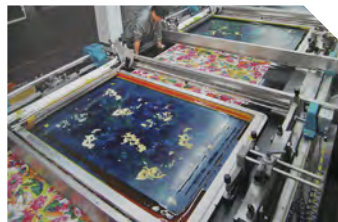


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TECHNICAL DATA OF SCREEN PRINTING MESH FOR Light Fabrics

160 mesh/inch to 305 mesh/inch screen printing mesh is recommended for high-end light fabric screen printing. It can maximally ensure the precious printing on the silk fabric and complete more complex printing. Polyester screen printing mesh is an ideal choice in standard applications up to exclusive special printing.



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