

ACCU-MESH®

Technical Specification Sheet

Polyester Screen Mesh, Monofilament, High Tensile, Low Elongation, Plain Weave

Mesh Count		Thread Diameter (Microns)	Overall Fabric Thickness		Mesh Opening		Open Area %	Theoretical Ink Deposit		Weight g/m ²	Tension Level N/cm
per inch	per CM		(Mils)	(Microns)	(Mils)	(Microns)		(inch ³ / yd ²) (Mils)	(CM ³ / M ²) (Microns)		
30	12	250	19.1	485	23.0	583	49	8.78	223.0	173	30 - 34
50	20	150	11.8	300	13.8	350	50	5.39	137.0	104	30 - 34
60	24	150	10.4	265	10.5	267	41	4.41	112.0	124	30 - 34
74	29	120	8.3	210	8.9	225	43	3.66	93.0	103	30 - 34
86	34	100	7.1	180	7.6	194	44	3.12	79.0	82	30 - 34
110	43	80	5.1	130	6.0	153	43	1.80	46.0	84	30 - 34
120	47	70	4.7	120	5.3	134	42	1.18	30.0	52	22 - 26
125	49	71	4.9	125	5.1	129	43	1.30	33.0	56	24 - 28
125	49	80	5.5	140	4.6	116	35	1.57	40.0	85	28 - 32
140	55	55	3.9	100	4.8	121	43	1.18	30.0	42	20 - 24
140	55	64	4.5	115	4.6	118	42	1.29	33.0	44	24 - 28
150	59	55	3.5	88	4.5	114	46	0.99	25.0	45	22 - 26
150	59	64	4.1	105	4.2	106	40	1.18	30.0	68	24 - 28
160	64	64	4.3	110	3.8	96	36	1.17	29.0	63	26 - 30
180	72	55	3.6	92	3.4	86	37	1.02	26.0	45	28 - 30
195	77	55	3.9	99	3.0	75	33	1.11	28.3	57	28 - 30
200	80	45	2.8	70	3.2	82	42	0.77	19.5	42	20 - 25
200	80	48	3.3	85	3.2	82	40	0.95	24.1	44	23 - 27
230	90	39	2.4	60	2.8	71	41	0.67	17.2	30	20 - 24
230	91	45	2.7	68	2.6	66	36	0.78	20.0	39	23 - 27
230	91	48	3.3	85	2.5	63	33	0.95	24.2	53	24 - 28
250	98	40	2.3	60	2.4	62	37	0.66	17.0	37	23 - 27
280	110	40	2.7	69	2.0	52	32	0.77	19.7	42	25 - 29
305	120	31	1.8	46	2.1	52	39	0.52	13.2	26	22 - 25
305	120	40	2.6	67	1.7	44	27	0.75	19.1	33	25 - 30
355	140	31	1.9	49	1.6	41	32	0.69	17.3	30	20 - 24
355	140	34	2.6	65	1.5	37	27	0.79	20.1	45	24 - 29
355	140	35	2.4	62	1.4	36	26	0.74	19.1	47	26 - 30
380	150	31	1.9	49	1.4	35	28	0.68	17.2	35	20 - 24
380	150	34	2.3	60	1.3	32	24	0.73	18.6	42	24 - 29
380	150	35	2.4	61	1.3	31	23	0.72	18.5	43	26 - 30