

TINO SCREEN MANUFACTURING INC.

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Monofilament Polyester Mesh - TECHNICAL SPECIFICATION (High Tension; Low Elongation)

Mesh count		Thread Ø	Fabric Thickness	% Open Area	Mesh Opening	Theoretical Ink Volume	Recommended Tension Levels (N/cm) Stage Tensioning Highly Recommended			Weave
Per cm	Per Inch	Micron	Micron	Calculated	Micron	cm ³ /m ²	Level 1	Level 2	Level 3	
13-150	30	150	216-226	64	619	128	24	33	40	plain
21-80	50	80	110-120	69	396	110-120	20	31	38	plain
21-140	50	140	190-206	49	336	98	24	33	40	plain
21-150	50	150	210-220	46	326	96	24	33	40	plain
24-100	60	100	136-145	57	316	64.4	24	33	40	plain
28-140	70	140	190-200	40	217	76	24	33	40	plain
32-55	80	55	100-105	67	257	67	24	33	40	plain
32-64	80	64	90-102	63	248	56	24	33	40	plain
32-100	80	100	145-155	46	212	69	24	33	40	plain
36-90	90	90	126-138	45	187	54	20	31	38	plain
36-100	90	100	140-156	40	177	56	20	31	38	plain
39-55	100	55	88-96	56	195	55	22	26	30	plain
43-80	110	80	127-132	40.8	147	53	24	33	40	plain
47-45	120	45	70-86	61	166	42	22	26	29	plain
47-55	120	55	88-96	51	152	47.6	22	26	30	plain
48-70	120	70	108-120	41	135	45.5	24	33	40	plain
53-45	135	45	72-86	57	143	41	22	26	29	plain
53-55	135	55	84-90	50	133	42	22	26	30	plain
53-64	135	64	120-128	43	124	50	22	26	30	plain
54-64	137	64	95-105	38.5	115	38.9	22	33	38	plain
54-70	137	70	108-120	34	108	40	24	33	40	plain
61-64	155	64	92-102	36	99	33	22	28	35	plain
64-55	160	55	85-95	38	98	36.1	22	26	29	plain
64-64	160	64	95-105	30	88	30.7	24	28	38	plain
72-48	180	48	75-84	36	90	33.1	22	26	29	plain
72-55	180	55	88-97	30	81	26.6	22	26	30	plain
77-55	196	55	90-100	32	74	28	22	26	30	plain
80-48	200	48	75-84	33	72	28.7	22	26	30	plain
90-48	230	48	77-85	25	56	23.5	22	26	30	plain
100-40	250	40	62-71	33	58	21.3	20	24	29	plain
110-40	280	40	65-71	27	48	18.4	20	24	29	plain
120-31	305	31	48-56	30	52	18.7	20	24	28	plain
120-34	305	34	52-57	30.5	45	18.4	20	24	29	plain
120-40	305	40	58-64	26	43	15	22	26	30	plain
120-34H	305	34 H	55	30.5	45	18.4	22	26	30	plain
120-35	305	35	57	28	44	18	24	28	33	plain
140-31	355	31	42-48	31	40	13	17	20	26	plain
140-34	355	34	56-62	19.5	31	14.4	20	24	28	plain
140-35	355	35	59	19	30	14	24	28	30	plain
150-31	380	31	43-47	29	36	13.1	16	20	24	plain
150-34	380	34	56-62	20.5	30	14.9	17	22	26	plain
165-31	420	31	52-58	23	31	12.88	16	20	25	plain

REMARKS:

1. Length Per Roll:

50 meters / 55 yards for mesh count 13-150 up to 90-48 (30 - 230 mesh per inch)
meters / 33 yards for mesh count 100-40 up to 165-31 (250 - 420 mesh per inch)

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2. Standard Width:

45"/115cm ; 53"/136cm ; 62"/157cm ; 82"/208cm; 120"/306cm
width also available upon request

Other fabric

3. Standard Color:

White fabric: available from 13-150 up to 165-31 (30 - 420 mesh per inch)
fabric available from 64-64 up to 165-31 (160 - 420 mesh per inch),
than 64-64 (160 mesh per inch) also available, Minimum order quantity 220 yards for each item.
Custom color also available upon request, Minimum order quantity required

Yellow
Yellow fabric lower