

# HiTex® Mesh

High Quality Textile Mesh Without The High Cost

For the printer looking to save on cost while not compromising the printing outcome, SAATI offers Hitex printing mesh. Hitex contains the same high tension, low elongation characteristics known throughout the globe. This offering is a standard precision woven fabric that is excellent for textile, glass, and low mesh count applications. The absence of treatment as well as the tailored specification offerings allows for the reduced price, promoting cost savings to those who do not reclaim screens or have a high turn over in screen processing.

**SAATI HiTex Mesh Specifications**

Mesh Count		Color	Weave	Nominal Thread Diameter (µm)	Mesh Opening (µm)	Open Area (%)	Fabric Thickness (µm)	Theoretical Ink Volume (cm <sup>3</sup> /cm <sup>2</sup> )	Recom./Max Tension (N/Cm)	Standard Width
Inches	Cm									
17	6.5	White	PW	385	1180	58	715	21.28	35-60	50, 60"
24	9.5	White	PW	280	810	55	533	15.02	35-60	50, 60"
38	15	White	PW	200	475	50	365	183	35-60	50, 60"
54	21	White	PW	160	330	46	275	127	35-60	50, 60"
61	24	White	PW	120	290	50	216	108	35-60	40, 50, 60"
61	24	White	PW	145	275	43	245	105	35-60	60, 80"
74	29	White	PW	120	220	41	218	89	35-60	40, 50, 60"
74	29	White	PW	145	190	32	240	77	35-60	40, 50, 60"
81	32	White	PW	70	245	61	110	67	24-26	50, 60"
86	34	White	PW	100	185	41	173	71	35-40	40 50 60 80 120
86	34	Yellow	PW	100	185	41	173	71	35-40	40, 60"
110	43	White	PW	80	150	43	132	57	35-37	40 50 60 80 120
110	43	Yellow	PW	80	150	43	132	57	35-37	40, 50, 60"
125	49	White	PW	70	130	40	116	46	30-34	40, 50, 60"
125	49	Yellow	PW	70	130	40	116	46	30-34	50, 60"
140	55	White	PW	64	120	41	105	43	26-31	40 50 60 80 120
140	55	Yellow	PW	64	120	41	105	43	26-31	40, 50, 60"
158	62	White	PW	64	90	32	106	34	30-34	40 50 60 80 120
158	62	Yellow	PW	64	90	32	106	34	30-34	40 50 60 80 120
180	71	White	PW	55	80	33	91	30	25-30	40, 50, 60"
180	71	Yellow	PW	55	80	33	91	30	25-30	40 50 60 80 120
196	77	Yellow	PW	55	70	28	90	25	27-32	40 50 60 80 120
230	90	Yellow	PW	40	68	38	62	24	20-24	50, 60"
230	90	Yellow	PW	48	55	27	81	22	27-29	40 50 60 80 120
255	100	Yellow	PW	40	55	31	64	20	26-28	50, 60"
280	110	Yellow	PW	34	53	35	56	20	22-24	50, 60"
305	120	Yellow	PW	34	45	29	54	16	24-26	40 50 60 80 120
305	120	Yellow	PW	40	38	20	67	13	27-32	50, 60"