



Saati Hitex Plus – 60" Width Mesh Technical Data Sheet

Saati Hitex Plus Mesh is engineered for screen printers demanding high tension, low elongation, and consistent print performance. Plasma-treated for superior stencil adhesion and ink release, Hitex Plus maintains stability across a wide range of mesh counts, making it a reliable choice for both plastisol and water-based applications.

Technical Specifications

Material	High-modulus polyester monofilament
Treatment	Plasma treated for improved stencil adhesion & ink release
Width	60 inches (152 cm)
Color Options	White (lower mesh counts), Yellow (higher mesh counts)
Applications	Plastisol, water-based, discharge, solvent, UV inks
Key Benefits	High tension stability, low elongation, longer screen life, improved registration accuracy

Recommended Tension Levels – Saati Hitex Plus Mesh

Mesh Count	Mesh Color	Recommended Tension (N/cm)	Notes
86 / 100	White	20–25	Heavy ink deposit, bold graphics, underbases
110 / 80	White	22–27	General textile printing, good ink flow
125 / 70	Yellow	23–28	Balance of detail and deposit, standard workhorse
158 / 64	Yellow	24–30	Moderate detail, softer hand prints, water-based inks
196 / 55	Yellow	25–32	Fine detail, halftones, plastisol & water-based inks
230 / 48	Yellow	26–34	Higher resolution, detailed graphics, thinner deposits
305 / 34	Yellow	28–36	Very fine detail, halftones, UV/solvent inks, high resolution

305 / 40	Yellow	28-36	Alternative weave, high tension stability for sharp halftones
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