

# HITEX<sup>®</sup> 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"         |