

Saatilene Variant®

Premium Quality Variable Tension Mesh for Electronics Printing Applications



Saatilene Variant is an ultra-yellow fabric, with an orange thread between the repeats to better identify one repeat from the other.

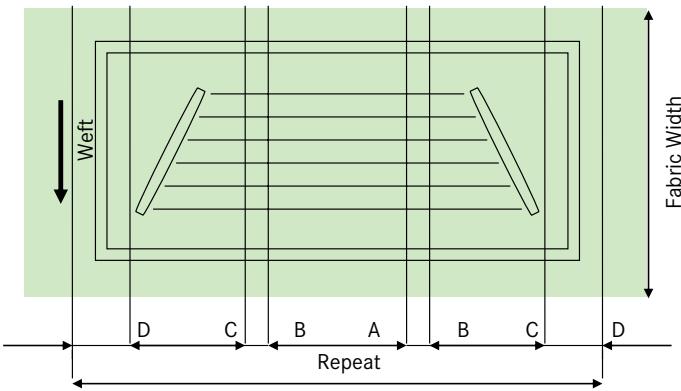
In warp it's used a 77 mesh per cm, 196 thread per inch, with 48 micron diameter and at our Saatilene Variant 101 that is 90 mesh per cm, 230 thread per inch, with 40 micron diameter.

The standard finishing of Saatilene Variant is the anti-static treatment; it also possible to get the plasma treatment on every kind of Saatilene Variant, which will increase stencil resistance.

Saatilene Variant is a high modulus polyester mesh used in those applications where a different ink deposit is required, with the printing process optimisation.

Picture 1:

- In the A zone, Resistance Zone, is necessary to have a low ink deposit to reduce the resistances and avoid the heat dissipation (Joule effect).
- C zone or bus-bar zone, is the connection zone between lighting set and resistances: it needs an high ink deposit to reduce the heat dissipation and to avoid the connector welding.
- D zone is the stretching area and does not effect the printing zone and can be considered together with the C one.



Picture 1

