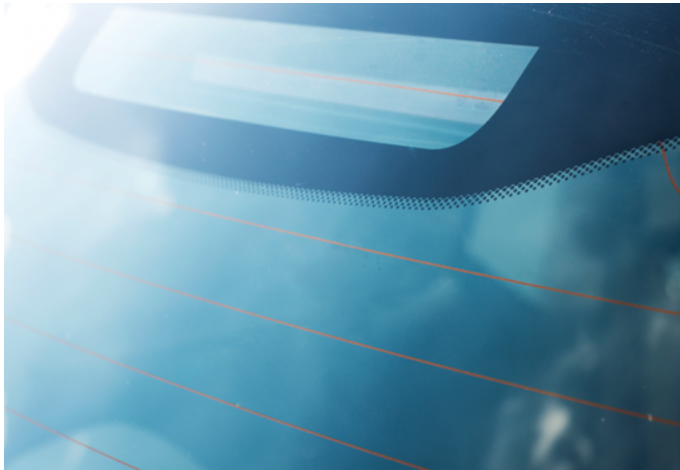


Saatilene Variant®

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.

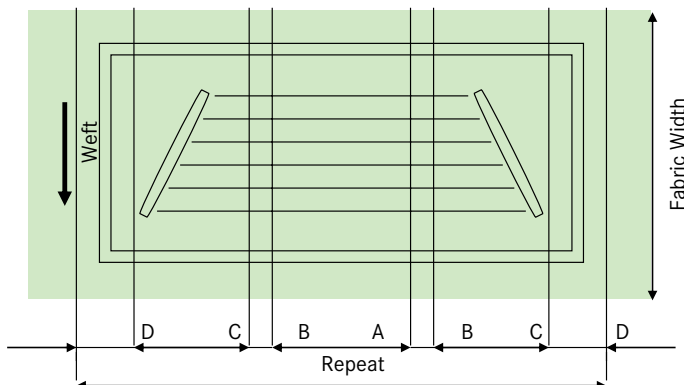
In warp it's used a 77 mesh per cm, 196 thread per inch, with 48 micron diameter and at our Saatilene Variant 101 that is 90 mesh per cm, 230 thread per inch, with 40 micron diameter.

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.

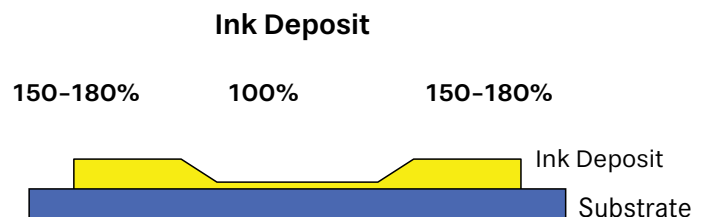
Saatilene Variant is a high modulus polyester mesh used in those applications where a different ink deposit is required, with the printing process optimisation.

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



Saatilene Variant[®]

Premium Quality Variable Tension Mesh for Electronics Printing Applications

Product	Zone	Measures in mm	Mesh count per cm/in	Thread Diameter
Saatilene Variant #1	A	900	77/196	48 µm
	B	10	Degradé	64 µm
	C	415	???	80 µm
	D	400	???	64 µm
	Repeat	2550		
Saatilene Variant #2	A	900	77/196	150 µm
	B	10	Degradé	170 µm
	C	260	48/125	80 µm
	D	410	55/140	64 µm
	Repeat	2260		
Saatilene Variant #6.2	A	760	77/196	48 µm
	B	10	Degradé	64 µm
	C	420	42/110	80 µm
	D	545	60/???	70 µm
	Repeat	2700		
Saatilene Variant #7	A	770	77/196???	55 µm
	B	10	Degradé	64 µm
	C	950	49/125???	70 µm
	D	545	60/???	70 µm
	Repeat	2680		
Saatilene Variant #9	A	870	77/196	48 µm
	B	10	Degradé	64 µm
	C	415	42/110	80 µm
	D	405	60/???	64 µm
	Repeat	2520		
Saatilene Variant #11	A	965	77/196	48 µm
	B	10	Degradé	64 µm
	C	420	???	80 µm
	D	650	???	64 µm
	Repeat	3120		

Saatilene Variant®

Premium Quality Variable Tension Mesh for Electronics Printing Applications

Product	Zone	Measures in mm	Mesh count per cm/in	Thread Diameter
Saatilene Variant #12	A	940	77/196	48 µm
	B	10	Degradé	64 µm
	C	420	???	80
	D	565	???	64
	Repeat	2930		
Saatilene Variant #19	A	940	77/196	48 µm
	B	10	Degradé	64 µm
	C	420	???	80
	D	565	???	64
	Repeat	2930		
Saatilene Variant #20	A	1880	77/196	48 µm
	B	30	???	64 µm
	C	405	???	80 µm
	Repeat	2750		
Saatilene Variant #101	A	910	90/230	40 µm
	B	10	Degradé	64 µm
	C	425	42/110???	70 µm
	D	400	60/???	64 µm
	Repeat	2560		
Saatilene Variant #20	A	800	90/230	40 µm
	B	10	???	48 µm
	C	620	???	55 µm
	Repeat	2060		