

MASKS' PRINTING: JKG INKS

The demand aligns with the needs of the moment.

Since the beginning of the pandemic, we have received several requests about masks' printing.

Thanks to the support of our experts, we have sought some clarity and we have realized this document aimed to support you, answering your questions.

1. Which are the types of masks?

The masks can be: Filter Masks, Surgical or Medical Masks or Personal Protective Equipment (PPE). The request for decorative printing mainly concerns the former.

2. Filter masks: what are they and how should they be considered?

Filter masks are neither a medical device nor an individual protection device, they are mainly made of non-woven fabric (TNT). The manufacturer / printer is responsible for granting that the materials used in their production and decoration do not contain or release substances harmful to human health.

3. Which are the standards governing the printing of filter masks?

Since, at the best of our current knowledge, there are no specific standards about decoration, the printing of filter masks refers to that of any fabric. They are therefore subject to global textile standards and their indications regarding the permitted chemical levels. For a right evaluation let's keep in mind that: the more intense the contact of a textile product with the skin, the more severe the limit values of the allowed chemical substances

4. Which tools do we offer you?

The declarations issued by JK and the certificates issued by accredited certification bodies. The following chart facilitates the identification of the tools available for Kiian Digital best-seller inks:

	OEKO-TEX STD 100	OEKOTEX ECO-PASSPORT	REACH	SVHC (Substances of Very High Concern)	ZDHC MRSL Conformance Guidance
BELLAGIO RJM	■	■	■	■	L1
DIGISTAR HI-PRO	■	■	■	■	L1
DIGISTAR K-ONE	■	■	■	■	L1
MY SUBLI-E	■	■	■	■	L1
MY SUBLI	■	■	■	■	L1
CAPTION	■ declaration ■ certification				

5. Oeko-Tex standard 100. It's important to remember that:

- The Oeko-Tex certification concerns finished products: textile garments, toys made of fabric and textile materials for furnishings.
- Our declaration ensures the compliance of the inks indicated in it in the printing of the fabrics intended for the realization of the finished products for which the Oeko-Tex standard 100 certification is required

6. Oeko-Tex Eco-Passport. It's important to remember that:

- Eco Passport is a certification system for chemicals, dyes and auxiliaries for the textile industry
- Eco Passport is harmonized with the two Oeko-Tex® certification systems for sustainable textile production (STeP by Oeko-Tex®) and products safety (Standard 100 by Oeko-Tex®), simplifying the test program for the achievement of the final Oeko-Tex® Standard 100 certification

7. ZDHC Manufacturing Restricted Substance List. It's important to remember that:

- ZDHC (*Zero Discharge of Hazardous Chemicals*) is a recognized and sponsored project of the major global brands in the textile sector with the aim of reducing the environmental impact and the use of harmful chemicals in production processes of the textile industry.

- ZDHC Gateway is a platform that collects chemicals and grants to those who have to buy them to always be compliant with the requirements established by the ZDHC (ZDHC MRSL). JK products are classified at level L1

8. Summarizing. Our inks:

- do not intentionally contain substances dangerous for products that come into contact with skin, nose and mouth.
- do not intentionally contain Substances of Very High Concern (SVHC) pursuant to the Reach regulation.
- comply with the REACH regulation
- Bellagio RJM, Hi-Pro, MySubli-E, K-One, MySubli are Eco-Passport certified
- Bellagio RJM, Hi-Pro, MySubli-E, K-One, MySubli comply with level L1 of the MRSL ZDHC Compliance Guide and are included in the ZDHC Gateway portal