

The requirements to make printing sustainable

Printing is an industry **using inks, thinner solvents, paper** (which in turn requires the use of forest resources), energy and expertise. **That is why we always promote these nine aspects** when thinking about a printing process:

1

Choose paper wisely.

Consider at the design stage the number of pages, copies, weight and sizes.

2

Consider content.

Prefer FSC® labeled papers, and consider the requirements: appearance, touch feel, and life of the final product.

3

Get information about ink.

Printing inks should contain only vegetable oils and be free of mineral ones and dangerous substances.

4

Take de-inking into account.

If you use special colors, varnishes, and toners for digital printing, de-inking is a key requirement.

5

Make Special effects sustainable.

Encourage adhesives, films, special effects inks and paints that can be separated from paper and are free of dangerous substances; avoid lamination.

6

Choose the kind of energy

The print factory should use only certified green electricity, generated - if possible on site - from non-fossil sources so as to reduce CO₂ emissions.

7

Eliminate chemicals.

The printing process should be free of PAHs* and reduce printing washes that contain VOCs**.

8

Understanding labeling.

FSC® considers the origin and responsible management of the forests where the pulp comes from.

9

Check certification.

Environmental management systems certified by ISO 14001 and EMAS.

* Polycyclic Aromatic Hydrocarbons - ** Volatile Organic Compounds

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