

Technical advice from a team of experts

Profiles and Quantities of ink

Using HEXIS profiles = optimising ink quantity

HEXIS calibration curves and ICC profiles allow you to use the quantity of ink that is necessary and sufficient for your printing projects on every type of substrate. You will make savings, and will prevent any of the problems associated with premature ageing as a result of an overload of ink.

In liaison with all the manufacturers of printing systems on the market, HEXIS have developed ICC profiles that correspond to a type of substrate and a model of digital printer. These profiles are available on our website.

As the profiles evolve constantly, if the one you are looking for is not available, contact HEXIS directly by telephone or by e-mail at the following address:
profils@hexis.fr

Respecting the drying time indicated = avoiding the need for after-sales service

Find the details of our technical data sheets here

24h minimum in a dry place at room temperature

TIP

How to dry your prints properly?



What to do

Ideally, you should leave the print upright and as unwound as possible, or flat on a table



What not to do

Do not leave the roll to dry wound or on the printer's rewinder as the film will be unable to degas



THE RISKS ARE DIFFERENT DEPENDING
ON THE PRINTING TECHNIQUE USED.

FOR EACH TYPE OF PRINTING, THERE IS A SOLUTION!

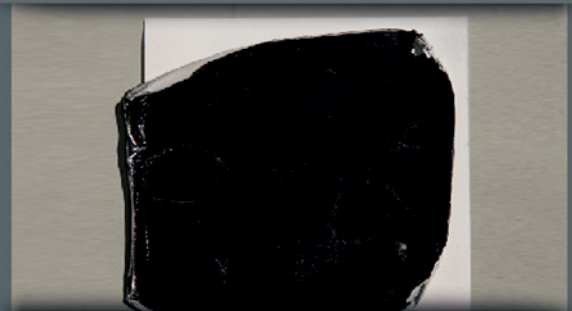
SOLV

WHAT TO DO

if you print with solvents
or eco-solvents?

Use the right profile and respect the 24h-drying time
OTHERWISE:

- Increased shrinkage of the film and its lamination
- Loss of adhesion, which can lead to lifting of the film and its lamination



LATEX

WHAT TO DO

if you print with latex inks?

Adapt your drying temperatures and insulation depending on ambient temperature and humidity, starting with the profile. Check 30 minutes after printing that the inked zones do not have a greasy layer on the surface, as that indicates incomplete drying. Drying will effectively no longer be possible at room temperature. OTHERWISE:

- Possible lifting of the lamination as a result of a greasy layer caused by incomplete drying
- Decrease in the durability of the print



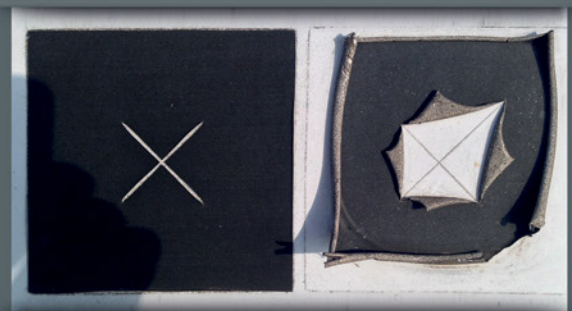
UV

WHAT TO DO

if you print with UV-curing inks?

Adapt the power of the lamps and print speed so as to ensure that there is complete polymerisation of the ink layer. OTHERWISE:

- Shrinkage of the ink layer on the substrate that may possibly lead to lifting of the substrate from the surface
- Loss of adherence of the ink to the substrate
- Poor adhesion of the ink to the film as the print is more sensitive to abrasion



Try covering your UV prints with our **VCR750**
and **AGCR700** lamination films



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