

Technical advice from a team of experts

Why lamination is always necessary?

WHAT ARE THE ADVANTAGES OF LAMINATING YOUR PRINTED FILM?



Protection against UV



Increased durability for your prints



Mechanical protection of the ink



Protection against vandalism AG800, AG700 and PG836

HOW TO LAMINATE PROPERLY?
Before laminating, let your print dry for at least 24 hours

TIP

Are you laminating two different materials?

When laminating two different materials, and specially with polyester lamination, pay particular attention to the 5 following criteria. Unlike PVC film, polyester is not conformable and the risk of tunneling is thus higher.

It is therefore essential that the films be well aligned. Do not release all the tension. It is important for both films to have equivalent tension, so do not hesitate to use the brake a little.



PVC film with a polyester lamination

Are you laminating two PVC materials?

We recommend that you always laminate printed vinyl with a laminate of equivalent quality:



Monomeric film with a monomeric laminate

Polymeric film with a polymeric laminate

Cast film with a cast laminate

Never laminate:



Cast film with a polymeric laminate
The film will lose all its conformability.

5 ESSENTIAL CRITERIA WHEN LAMINATING

TENSION

Put the lamination and the film to be laminated at the same tension. It should not be too high, but it may be necessary to have some tension to remove possible creases.

ALIGNING

The lamination and the film to be laminated must be perfectly aligned, particularly for long prints, so as to prevent tunneling on the edges.

SPEED

The lower the lamination speed, the less risk you have of creating creases!

HEATING

Heating runs the risk of deforming the film and subsequently creating creases. However, our PVC lamination films can be heated up to a maximum of 35-40 °C.

PRESSURE

Depending on the quality of your laminator, the pressure will be more or less difficult to exert between your film and the lamination.



Too high pressure can produce creases

What to do?

In this case, do not increase the brake, but instead lower the pressure and speed of your laminator.

Pressure that is not high enough can produce micro-bubbles

What to do?

In this case, do not increase the heating temperature. The micro-bubbles will disappear within 48 h.



GRAPHICS DIVISION.

HEXIS S.A. France

Call us now at + 33 467 18 66 86 | export@hexis.fr