

Watermark

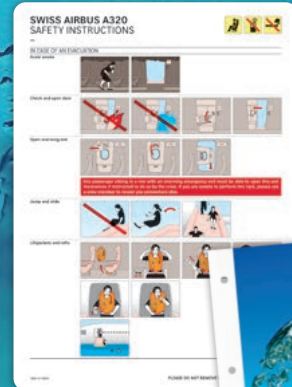
Stickers

Foil Prints

Plastic Cards

Mouse Pads

Security Papers



Foil prints in UV offset printing

Printed matter for permanent use...

Foils, plastics and exclusive materials

- Robust and functional
- Waterproof and washable
- Practically untearable
- For extreme use
- Lightfast and weatherproof
- Individual punchings
- Special designs

**Also with
Inline die-cutting**

Foil prints in UV offset printing

*Your printed matter should be robust and durable?
Washable, waterproof, practically untearable and
protected from scratches?
UV prints on foils meet these requirements.*



Displays

Versatile applications

There are various areas of application that place **high demands** on printed matter: Displays, instructions for use, door labels, registers, plastic cards, etc.

Versatile applications

Our solution: High quality UV offset printing on foils (white or transparent) or other synthetic materials.



CD separators

Durability for many years

The material used is only one criterion for durability. The quality of the print and the **lightfastness** of the inks used as well as an **additional protective varnish** are further decisive factors so that the print does not fade or weather prematurely.

Durability for many years

Our solution: We only use **highly lightfast UV inks** for our UV offset printing. UV inks that do not fade over the years.

Protection through UV varnishing (optional)

A UV varnish over the entire surface protects the print and foil from the effects of weather, dirt and cleaning impacts. In addition, the surface is better protected against scratches and mechanical stress.

Protection through UV varnishing

In practice, a UV coating can be expected to last 3-5 years outdoors – indoors it is almost unlimited

In case of extreme stress, the resistance of the print can be further improved with a special primer/varnish combination.



Plastic cards



Operating manuals



Door hangers



Safety Cards



Wobblers



Waterproof booklets

Inline die-cutting and materials

Our speciality: inline die-cutting

Our speciality: inline die-cutting

Until now, printing and die-cutting were two separate operations. With our inline die-cutting unit, they are combined. This not only saves time and costs, but also brings clear quality advantages:

- 100% exact fitting accuracy of print and die-cut image
- Punch through, punch on and perforation possible at the same time
- Time/cost saving due to omission of the punching pass
- Quality control during the entire production process and not only after the last operation

Use of high-quality materials

Use of high-quality materials

Specific material properties are important for each application – the printability, stiffness, breaking strength, durability...

- Rigid PVC foils, white or transparent, 150–600 my thickness
- High-quality self-adhesive foils, white, matt or transparent – also with removable adhesive
- Versatile cardboard assortment with surface refinement, e.g. metallised, mother-of-pearl look, special coatings, etc.
- Special foils (polystyrene, PP, PE, PET etc.) on request

Your advantage: With us you have an experienced partner, you can rely on.

We combine high quality and a wide range of variation possibilities with effective production and short delivery times.

Applications

- Badges
- Bookmarks
- Business cards
- Displays
- Door hangers
- Info cards
- Labels
- Luggage tags
- Operating instructions
- Operating manuals
- Plastic cards
- Product tags
- Register sheets
- Safety cards
- Sample fans
- Shelf stopper
- Sticker
- Waterproof prints
- Wobblers
- Working aids



Operating instructions



Work aids



Product tags



Bookmarks



Register sheets

Foil prints in UV offset printing



The inline die-cutting plate is fitted on the magnetic cylinder of the press.

What you should know...

Final formats

50 x 20 mm = smallest format

480 x 320 mm = largest format

Free format:

Any intermediate size possible in 1 mm steps

UV offset printing technology

Maximum print sheet format: 520 x 370 mm

Minimum print sheet format: 145 x 105 mm

Substrate thickness: 0,15 – 0,6 mm

Printing units and special units: 5 UV units +1x coating unit (inline) +1x die-cutting unit (inline), UV offset printing in waterless technology (for higher colour density)

UV inks + varnishes

Print colours:

All UV print colours (HKS + Pantone) with highest light fastness, e.g. also magenta and yellow with light fastness "7" according to DIN as partial underprint e.g. for transparent foils

Opaque white:

UV varnish:

UV varnishes, high gloss/silk matt, effective surface protection, partial spot varnishing for effective optical effects

Special features punching

Cutting dies:

Punching tools as steel sheets (0.5 – 1.0 mm)
different line heights possible (punching in and through in 1 pass)
Punching absolutely accurate, high uniformity
No broken edges on the punching contour (punching in wet UV varnish)
Material-Stärken 50 my bis 500 my sind möglich

Inline die-cut:

Standard foils

PVC white matt:

Foil thicknesses in 200 my, 250 my, 300 my, 400 my, 500 my, silk matt surface on both sides (better ink adhesion)

PVC transparent:

Foil thicknesses in 200 my, 250 my, 300 my, 400 my, 500 my, glossy surface on both sides

Further materials

Exclusive materials:

Over 60 different materials from the UV sample collection

- Coated cartons + papers (e.g. Chromolux, metallics, mother-of-pearl)
- Transparent papers of all kinds
- Special foils/synthetics (e.g. Priplak, Polystyrol, Tyvek, Yupo)

We will gladly advise you: