

**folex<sup>®</sup>**

# PRODUCTS FOR THE PRINTING INDUSTRY

System solutions for the coating unit















the fine art of coating

PRINTING  
INDUSTRY



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## PICTOGRAM OVERVIEW

 IR	Suitable for dispersion coatings		Suitable for edge bending
 UV	Suitable for UV coatings		Ideal for CAD cutting systems
	Cutting protection (double layer)		Manual cutting possible
	Slipping film / Protective film		Compressible foam
	Cut visualisation		Self-adhesive
 PET	Polyester base/carrier		Flexible

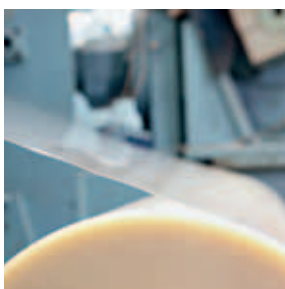
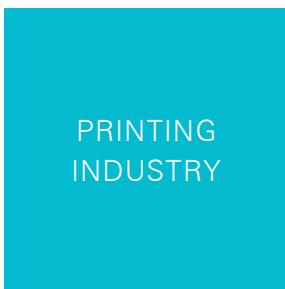
# ABOUT FOLEX

## HIGH EXPERTISE IN COATING

The Folex Group specialises in the finishing and coating of films and specialities and has production plants based in Switzerland (Schwyz) and Germany (Cologne) that offer high-quality products and tailor made services for a wide variety of markets.

Folex dynamically adapts its portfolio to changing customer needs and technical developments. Based on its core competence, coating, Folex constantly works on optimising existing products to develop new potential applications for different technologies. Today Folex offers solutions for many sectors, from the printing industry or digital and large-format printing, the office and home sector, all the way to primary products for the electronics industry. In addition to which, Folex has also developed extensive skills in membrane separation technology.

As a family-owned company with a long-standing tradition, we feel committed to a clearly defined set of values based on integrity, dependability, quality, a love of innovation, and awareness of our responsibilities. As our customer, you can also benefit directly from this competence and our innovation. For instance, we can offer you consulting services during the development phase, or develop new solutions on your behalf.



# COATING PLATES

## YOUR LEAD WITH STRIPPABLE FOLACOAT COATING PLATES

Folacoat coating plates make it easy for you to create an individualised forme tailored to your job. The coating and non-coating areas are defined by partially removing the transfer layer at the non-coating areas («stripping») off the press. Of decisive importance for trouble-free production are the time-proven Folacoat surface polymers, which were developed specifically for coating transfer, not inks. The result therefore is absolutely no ink build up on the coating plates, even in the event of extremely long runs. For optimum performance, we recommend combined use with our compressible Folacomp underpacking materials.

## IDEAL FOR PACKAGE PRINTING

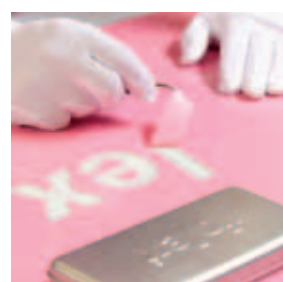
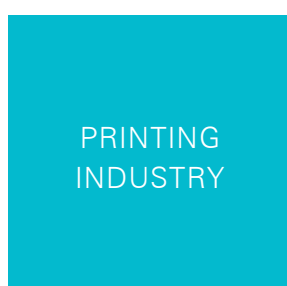
Folex is the first manufacturer to have had the safety of its products examined and confirmed in relation to various regulations. For example, ISEGA, the renowned research and testing institute, certifies the safety of the Folex Folacoat Plus and Folacoat Extreme ranges for inline coating of folding cartons with direct food contact. You can find detailed information on this subject on our website at [www.folex.com](http://www.folex.com).

## SUITABLE FOR ALL COATINGS

Our coating plates are designed for universal use and are suitable for transferring both dispersion and UV coatings. A polyester cutting protection film is integrated in the dimensionally stable base to reduce the risk of rupturing of the carrier. As a result, both manual cutting and preparation on CAD cutting systems are safer than when working with the generally customary coating plates with a single-layer carrier. The products are provided with a slipping film to ensure perfect sliding of the cutting head. There is no need to use silicone spray. In addition, the cuts are easily visible when the slipping film is cut through (= cut visualisation). Faulty stripping can be avoided in this way.

## THE ADVANTAGES OF THE UNIVERSAL COATING PLATE AT A GLANCE:

- Universal use for dispersion and UV coatings
- Efficient preparation thanks to cut visualisation
- Added cutting protection due to patented double layer polyester.
- Trouble-free production
- Reusable
- Suitable for all machine types
- Available in thicknesses of 0.045 / 0.053 and 0.077 inch (1.15 / 1.35 and 1.95 mm)




# COATING PLATES

## FOLACOAT EXTREME PET

Folacoat Extreme PET comprises a tear resistance, dimensionally stable, dual-layer polyester carrier and an extremely swell-resistant, varnish-transferring polymer layer. Used together with UV coating, this version provides increased resistance against UV coatings and cleaning agents, which are far more aggressive than aqueous applications.

Available in nominal thicknesses of 0.045 inch (1.15 mm) and 0.053 inch (1.35 mm).

- Folacoat Extreme PET




## FOLACOAT ULTRA T

The new development for all users who previously coated with rubber blankets and would like a convenient alternative with a thickness of 0.077 inch (1.95 mm). Featuring an efficient polymer surface, the new Folacoat Ultra T comprises a dimensionally stable polyester carrier and compressible underpacking. The coating plate can be used with both dispersion and UV coatings

Available in a nominal thickness of 0.077 inch (1.95 mm).

- Folacoat Plus ALU




The easy switch from rubber blankets to dimensionally stable coating plates.

## FOLACOAT TRANSPARENT PET

This coating plate is suitable for transferring dispersion and UV coatings. It consists of a dimensionally stable polyester carrier and a pink, transparent coating-transferring polymer layer. The lower opacity increases the visibility of cutting templates positioned underneath the coating plate. The surface is provided with a slipping film for ideal preparation on CAD cutting systems.

Available in nominal thicknesses of 0.045 inch (1.15 mm) and 0.053 inch (1.35 mm).

- Folacoat Transparent PET



The economical coating forme with slipping film.

# COATING PLATES

## FOLACOAT BASIC PET \*NEW QUALITY\*

Folacoat Basic PET \*New Quality\* is an economical, transparent coating plate based on a dimensionally stable polyester carrier and a coating-transferring polymer layer. The coating form can be used to transfer both dispersion and UV coatings.

Available in nominal thicknesses of 0.045 inch (1.15 mm) and 0.053 inch (1.35 mm).

- Folacoat Basic PET \*New Quality\*



The low-cost coating plate for packaging printing.

## FOLACOAT EASYSPT

Specifically for coating relatively small areas, such as positive spots, we recommend our Folacoat Easyspot self-adhesive polymer film. Application to exposed printing plates permits the creation of inexpensive formes. The transparency of the film assists correct positioning. Corrections can be made by hand, and preparation of the formes on CAD cutting systems is likewise possible. Folacoat Easyspot is recommended for use with both dispersion and UV coatings.

Available on rolls with useful widths of 41.732 inch (1.060 mm) and 49.606 inch (1.260 mm) and in nominal thicknesses of 0.035 inch (0.90 mm) and 0.043 inch (1.10 mm).

- Folacoat Easyspot



The self-adhesive polymer film for coating small areas..

## FOLACOAT FLEXIBLE

The compressible Folacoat Flexible meets all the demands of sophisticated dispersion coating in the jobbing sector. Much as in the case of full-flood coating with format underpacking under a blanket, Folacoat Flexible does not have a rigid polyester carrier, but a flexible fabric that adapts optimally to the underpacking. Compressible foams ensure the compressibility required for the flexo process. The surface is formed by the time-proven Folacoat polymer, which is ideally suited to transferring coatings and demonstrates minimum affinity for ink build-up. This helps to greatly reduce the number of washing operations.

Available in nominal thicknesses of 0.051 inch (1.30 mm) and 0.077 inch (1.95 mm).

- Folacoat Flexible



For defining coated areas by underpacking.

# COMPRESSIBLE UNDERPACKING MATERIALS

## PERFECT COATING TRANSFER DUE TO COMPRESSIBILITY

The Folacomp range was specifically developed for use under Folacoat coating plates and offers a wide range of thicknesses of underpacking containing a high percentage of compressible components. The content of crush-sensitive fabrics is considerably reduced in comparison with conventional compressible rubber underpacking blankets. The large number of thicknesses available makes it possible to use just one layer of underpacking in combination with the respective Folacoat coating plate. Packings made up of several sheets of paper are a thing of the past.

## FOLACOMP PA

A self-adhesive version of the standard compressible underpacking. To improve its dimensional stability and increase the service life, the compressible underpacking material is reinforced with a dimensionally stable polyester foil.

Available in nominal thicknesses of 0.057 inch (1.45 mm), 0.077 inch (1.95 mm) and 0.083 inch (2.1 mm).

- Folacomp PA



The most widely used compressible underpacking for long service life..

## FOLACOMP FA

The compressible Folacomp FA is the self-adhesive version of our flexible Folacomp F underpacking.

Available in nominal thicknesses of 0.047 inch (1.2 mm), 0.067 inch (1.7 mm) and 0.083 inch (2.1 mm).

- Folacomp FA



Offering greater flexibility with adhesion.

## FOLACOMP F

The non-adhesive version of our flexible underpacking consists of several layers of rapid-recovery foam and fabric.

Available in nominal thicknesses of 0.047 inch (1.2 mm), 0.053 inch (1.35 mm), 0.059 inch (1.5 mm), 0.067 inch (1.7 mm), 0.073 inch (1.85 mm) and 0.083 inch (2.1 mm).

- Folacomp F



For everyone who changes the underpacking frequently.



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