

folex[®]

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
	Polyester base/carrier		Flexible
	Aluminium base/carrier		

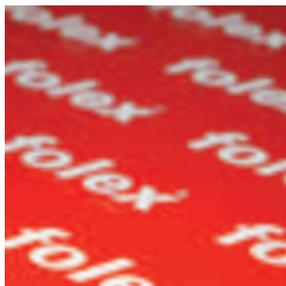
ABOUT FOLEX

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 transferring coatings, 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

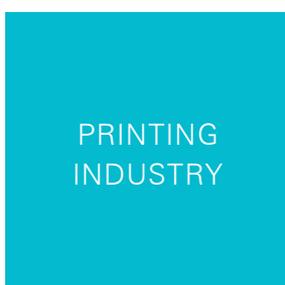
Folex is the first manufacturer to have had the safety of its products examined and confirmed in relation to various regulations. For example, ISEGA, the renowned research and testing institute, certifies the safety of the Folex Folacoat Plus and Folacoat Extreme ranges for inline coating in the food contact sector. You can find detailed information on this subject on our website at 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 1.15, 1.35 and 1.95 mm



COATING PLATES

FOLACOAT PLUS PET

The standard product, Folacoat Plus PET, consists of a tear-resistant, dimensionally stable, two-layer polyester carrier and a coating-transferring polymer layer.

Available in nominal thicknesses of 1.15 and 1.35 mm.

- Folacoat Plus PET



The most popular coating plate – safe preparation, ideal price-to-performance ratio.

FOLACOAT PLUS ALU

The aluminium version of the time-proven coating plate consists of a fracture- and tear-resistant, highly dimensionally stable aluminium/polyester carrier and a coating-transferring polymer layer. This version is recommended for convenient use on semi-automatic plate changers that require the coating plate to be bent at the edges. In contrast to the situation when cutting rubber blankets applied to aluminium printing plates, the polyester cutting protection saves the plotter blade from excessively rapid wear. In addition, breaking of the aluminium carrier is prevented, even after repeated use.

Available in nominal thicknesses of 1.15 and 1.35 mm.

- Folacoat Plus ALU



The rigid aluminium version offers the ability to be formed, therefore ideally suited to semi-automatic plate devices



COATING PLATES

FOLACOAT EXTREME PET

This coating plate consists of a tear-resistant, dimensionally stable, double-layer polyester carrier and an extremely swell-resistant, coating-transferring polymer layer. When used for UV coating, this version displays increased resistance to UV coatings and cleaning agents, which are more aggressive than those used in water-based applications.

Available in nominal thicknesses of 1.15 and 1.35 mm.

- Folacoat Extreme PET



The ideal solution for economical UV coating.

FOLACOAT ULTRA T

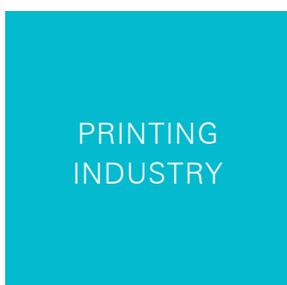
The new development for all users who previously coated with rubber blankets and would like a convenient alternative with a thickness of 1.95 mm. Featuring an efficient polymer surface, the new Folacoat Ultra T comprises a dimensionally stable polyester carrier and compressible underpacking. The coating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

Available in a nominal thickness of 1.95 mm.

- Folacoat Ultra T



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



COMPRESSIBLE UNDERPACKING MATERIALS

PERFECT COATING TRANSFER DUE TO COMPRESSIBILITY

The Folacomp range was specifically developed for use underneath Folacoat coating plates and offers a wide range of thicknesses of underpacking containing a high percentage of compressible components. The content of smash-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 belong to 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 1.45, 1.95 and 2.10 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 1.20, 1.70 and 2.10 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 1.20, 1.35, 1.50, 1.70, 1.85 and 2.10 mm.

- Folacomp F



For everyone who changes the underpacking frequently.



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