

***folex***<sup>®</sup>



the fine art of coating

# INNOVATION AND CLEAR VALUES

## WHO WE ARE

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

With marketing companies in France and the United Kingdom, as well as a worldwide network of distributors and dealers, we are never far away from our customers.

We earn our living by creating solutions for our customers – and by doing so effectively, quickly and economically. Every one of our employees takes that to heart, so we have developed our corporate structures accordingly.

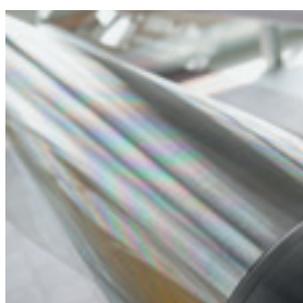
A leading position in the market is important to us – but it's not everything. As a family-owned company with a long-standing tradition, we feel committed to a clearly defined set of values based on integrity, dependability, quality, a love of innovation, and awareness of our responsibilities.

You can count on that – no matter whether you're one of our customers, business partners or employees.

## LEAN, FLEXIBLE, FAST

It's not only what you put on the market that counts. Speed and good timing are at least as important.

In this respect, Folex scores with its lean organisation and high performance. With roughly 220 employees, all of whom are passionately committed to perfect products and satisfied customers, Folex has just the right size to be able to act quickly and flexibly.



# TRADITIONALLY INNOVATIVE

## WHERE WE COME FROM

Our company's origins date back to the year 1860, and it owes its commercial breakthrough to the innovative capacity of its founder, Dr. phil. Carl Schleussner. He improved a photographic dry plate, invented by Dr. Richard Leach Maddox in 1871, to a point where it could be manufactured industrially to high quality standards. „Dr. Schleussner's Gelatine Emulsion Plates“ became the company's first international market success. A second, ground-breaking innovation followed at the end of the 19th century when, in collaboration with Conrad Wilhelm Röntgen, the famous physicist, Dr. phil. Carl Schleussner developed the first special X-ray plates and established himself as a leading manufacturer of X-ray plates.

The Adox Fotowerke Dr. Schleussner company, which emerged from the original photographic plate manufacturing business, also proved to be extremely innovative: among other things, it produced the first roll films and cameras in Germany.



*Dr. phil. Carl Schleußner*



*Dr. Dr. Carl A. Schleußner*



*Dr. Dr. h. c. Hans Schleussner*



*Dr. Martin Schleussner*

Since being established in 1951, today's Folex Group has acquired an excellent international reputation as a result of constantly expanding its outstanding competence in the field of coatings and repeatedly applying it to new materials and markets.

By acquiring the Technoplast coating company in Cologne in 1989, Folex extended its portfolio to include graphic arts products and materials for membrane switches. The technological changes of the 1990s prompted the development of media for digital printing and new materials for the printing sector. In 2013 the group expanded with the addition of the long established company Regulus which includes a digital printing portfolio as well as other products.

Despite all the changes we have experienced, the driving factors behind our work have remained the same to this day: we love to innovate, and we gear ourselves to the needs of our customers and markets.



# HIGH EXPERTISE IN COATING

## OUR TECHNICAL CAPABILITIES

Folex has the latest facilities at three production sites for coating and finishing high quality films for a wide variety of applications. We use water and solvent based formulations to apply the dissolved coating compounds. Thermal energy and UV are used for drying and curing.

We have pilot-scale and production machines that enable us to react very flexibly to special production volumes or requirements. If necessary, we also manufacture under clean-room conditions. And we are flexible as regards further processing in the form of converting from production rolls to short roll or final format. We have an extremely diverse range of technical capabilities.

For you as our customer, that means: we're perfectly equipped to meet your individual specifications.



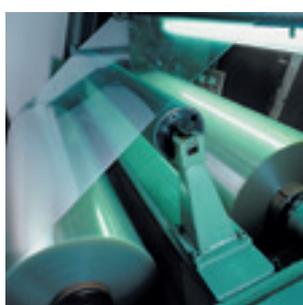


## IN-HOUSE PRODUCT DEVELOPMENT

At all three production sites, we have teams of chemists and application oriented specialists, who develop innovative products to a point where they are ready for regular production.

But we don't simply rely on our many years of experience in coating technology in this respect. Research and Development, Marketing and Sales cooperate closely to ensure that our products are relevant on the market. We hold intensive discussions with OEMs, sales partners and customers in order to acquire a comprehensive understanding of their needs.

As our customer, you can also benefit directly from the competence of our innovation teams. For instance, we can offer you consulting services during the development phase, or develop new solutions on your behalf.



# QUALITY AND RESPONSIBILITY

## FOLEX MEANS QUALITY

Our brand names are internationally synonymous with excellent quality. Folex is considered to be the global quality leader in many product segments.

Outstanding product and service quality is one of our company's core values – which is why we ensure that it remains consistently high.

We produce in Switzerland and in Germany – locations that have a worldwide reputation for top-quality work. We also gear our activities to the specifications of international quality management standards. We have been working to ISO 9001 for decades. All Folex and Regulus products are subject to stringent quality controls and constantly undergo thorough testing.

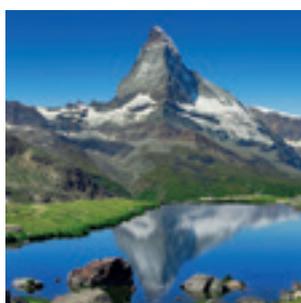


## RESPONSIBILITY FOR PEOPLE AND THE ENVIRONMENT

Fofox takes its public responsibilities very seriously. The safety of our employees and protection of the environment are of central importance to us.

We minimise harmful emissions in the production process, e.g. by using modern exhaust-air systems or through high-security chemical storage in accordance with the latest environmental standards.

When developing new products, we aim for maximum sustainability and use components that are as gentle on the environment as possible. As an example, the independent ISEGA test institute certifies the safety of the Fofox Folacoat Plus range for use in inline coating in food contact applications.



# FOLEX PRODUCT WORLD

## COATING SOLUTIONS IN TOUCH WITH THE TIMES

We dynamically adapt our portfolio to changing customer needs and technical developments. Based on our core competence, coating, we constantly work on optimising existing products to develop new potential applications for different technologies.

Today we offer 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, we have also developed extensive skills in membrane separation technology.

Our customers can make use of Folex expertise and production capabilities, particularly for contract production of their own products.

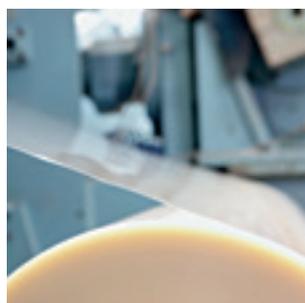
PRINTING  
INDUSTRY



DIGITAL  
PRINTING



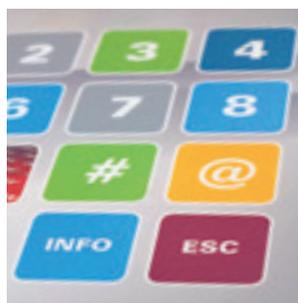
CUSTOM  
COATING



SPECIAL  
PRODUCTS



ELECTRONICS  
INDUSTRY



# PRINTING INDUSTRY + DIGITAL PRINTING

## OFFSET + GRAVURE PRINTING

Folex has a leading position in Europe when it comes to underpacking foils, coating formes for inline finishing, compressible underpacking materials and anti-marking films for the pressroom. For gravure printing, we produce high quality grinding stones for preparing gravure cylinders.

## DIGITAL PRINTING PRESSES

For this rapidly growing segment, we offer a wide range of clear, white-opaque and self-adhesive media, as well as T-shirt transfer materials, for the leading digital printing systems, such as HP Indigo, Kodak Nexpress, Xeikon and other colour laser printers. We work closely with the key hardware and software manufacturers when developing products.



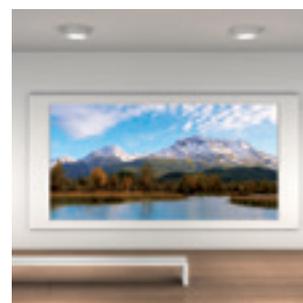


## LARGE-FORMAT PRINTING

The Folex Group recognised the great potential of digital large-format printing at a very early stage, constantly expanding its product range and adapting it to technological developments. Today, the Folex Group offers a diverse range of materials suitable for Eco/Solvent, UV, latex, pigment and dye inks in the Ink Jet printing process.

## OFFICE + HOME

Special materials expand the creative options on digital copiers and printers. In this sector, Folex offers an extensive range of products for both Ink Jet and toner technology. Among other things, they include clear, white, matt and self-adhesive films, fine art/photo papers, artist canvas or transfer papers for T-shirt printing.



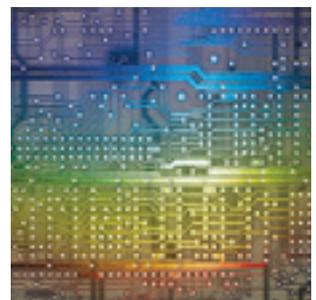
# ELECTRONICS INDUSTRY + SPECIALITIES

## PRINTED CIRCUIT BOARDS

When producing printed circuit boards and solder-resist masks for the electronics industry, high-precision, visually transparent photo artwork masters simplify accurate fitting to photoresists and solder resists. Folex Densotrans is a time-proven diazo film for creating production masters.

## INPUT SYSTEMS

For manufacturing membrane switches, signs and labels, Folex offers finished polyester films that can be printed by screen print and/or digitally. The portfolio encompasses both graphic overlay films with special surfaces and electrically conductive films, as well as customer-specific products. We are also considered to be an innovation and technology leader in the future market of digitally printable films for membrane switches.



## CUSTOM COATING

Many customers call on our decades of experience in coating and finishing to manufacture their own products. We offer complete solutions, using the customer's own formulations or jointly developed ones and services. In this context, we can choose from a variety of application techniques, process a wide range of materials of different widths and thicknesses, and use all common solvents, thanks to our modern exhaust-air treatment facility.

## MEMBRANE SEPARATION TECHNOLOGY

For industrial separation processes, we coat multi-layer composite membranes for hydrophilic pervaporation, steam permeation and related processes. Other specialities are membranes for the production of sensors for analytical measuring systems, as well as laboratory-scale membrane systems.

## SIGN MARKING

Special self-adhesive products for the sign industry are a figurehead in this product area.

No matter whether you're looking for high-quality products or a tailor-made coating solution: Folex is the right partner. Just get in touch with us – we'll be more than pleased to help.



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