Folex AG in Seewen-Schwyz, is a world-wide leading coater of films and papers for printers and copiers as well as for the graphic industry (Digital printing) and electronics. Folex products are “swiss quality”.

Why a Coating?

The coating changes the properties of a product or material. A good coating guarantees depending on the technology an optimum image resolution and toner/ink adhesion on a specific substrate.

Advantages of Folex coatings on films and papers:

• Uninterrupted feeding and runnability through printers and plotters (anti-static properties)
• Perfect image transfer (ideal surface tension for Ink Jet inks)
• Brilliant, vivid colours (specific colour absorbing layers)
• Best image fixation for toners and inks

Further advantages of Folex products:

• High durability
• Heat stabilisation of laser and copier films
• Clean cut edges prevent damage to machines
• OEM approved film qualities
• Simple and safe product handling
• Environmentally friendly water-based coatings (no negative effect to the ozone layer)

Types of Coatings

All copier and laser films mentioned here carry on both sides identical coatings: the OHP films X-100 and X-500 suitable for b/w copiers resp. BG-71/72 and X-470/480 series for colour laser printers and copiers.

Normally Ink Jet films and papers have different coatings on the two sides. The imaging side is coated for optimum ink wetting, absorption and fast drying of water-based inks; the other side carries an antistatic, slip layer to ensure excellent feeding and runnability from the input tray.

The user must put these different side coated films the correct way up into the tray (the imaging side is facing up when the cut corner is on the upper right, in portrait format).
Ink Jet Printers

Ink Jet printers accurately position very small ink droplets onto paper or film. The inks are immediately absorbed into the specific coating and dry rapidly by evaporation of the ink into the environment. The drying speed is influenced by climatic conditions: the higher the relative humidity, the slower the drying speed. By examining Ink Jet prints with a magnifier you can see that letters and images are made up of tiny little ink droplets. The finer the printer resolution, the more precise the drop placement will be and the better the image quality (photoquality).

Folex developed, based on a completely innovative concept, a microporous Ink Jet coating. This enabled the absorption of larger ink volumes with instantaneous ink drying and highest resolution resulting in brilliant and intense colour images.

Unique Ink Jet coating

The coating is made up of millions of small polymer capillaries standing vertically on the relevant carrier.

Advantages of this concept:

• Intensive, brilliant colours
• Highest edge sharpness of images and letters
• Super fast ink drying times

Market Trends

The printing market is dominated more and more by colour laser technology. Which is why the demand for specialities for colour laser printers shows a sharp increase: e.g. for colour laser papers, self adhesive and OHP films etc.

In the SOHO market Ink Jet media still enjoys strong demand despite the trend to colour toner technology.

People purchasing toners and inks for printers and copiers are potential customers for Folex Films, Papers and Speciality Media.

Why Sensor Stripes on Transparency Films?

To ensure trouble free feeding of transparency films certain copiers work with an optical input light sensor. On such devices the transparent films have to carry a paper stripe on the leading edge (either along the short or the long edge) or a paper-backing to activate the optical sensor. After the printing or copying process these paper stripes can be easily removed.

Product Presentation – Packaging

The Folex products are presented in attractive boxes or small packs. The sales prices are adapted to the demand of the office and home markets.

Optimum Print Results

To achieve the best print quality on film, paper or specialities the printer driver setting has to be correct. Print mode: Transparency / Film / Coated Paper / Photo Paper / T-Shirt Transfer or other.

The Advantages of Folex Media

• Top quality products Swiss manufactured
• Excellent Ink absorption or toner fixation
• Simple handling
• Uninterrupted feeding and throughput
• OEM approved qualities
• Comprehensive, universally compatible product range
• Worldwide recognized trademark
The most important films and papers for black & white and colour laser printers and copiers

Overhead transparencies (OHP films) for black & white copiers

- **X-100** universal film: the top selling film
  In boxes of 100, A4 sheets; gauge: 0.100 mm.

- **X-500** universal film: the first environmentally friendly and water-based film
  In boxes of 100, A4 sheets; gauge: 0.100 mm.

Overhead transparencies for colour laser printers and copiers

- **BG-72** universal film, the top selling colour laser printer and copier film. Specially suited for the new generation devices working with wax toners and higher fusing temperatures. Brilliant, vibrant colour reproduction is due to its special colour toner fusing layer.
  In boxes of 100, A4 sheets; gauge: 0.125 mm

- **X-475** suitable for most colour laser copiers, especially those working with wax toners. Brilliant, vibrant colour reproduction due to its special colour toner fusing layer.
  In boxes of 100, A4 sheets; gauge: 0.100 mm

- **X-485** suitable for colour laser copiers with very high fusing temperatures e.g. Canon IRC and CLC 3200. Identical product to X-475 but based on a 0.125 mm base film.
  In boxes of 100, A4 sheets; gauge: 0.125 mm

Adhesive films for colour laser printers and copiers

Clear adhesive film with a silicon paper release liner. Ideal for stickers, signs, decals and posters. It is tear resistant and can be used indoors and outdoors protected from standing water. The toner image itself has outstanding toner bonding and good water and light resistance.

- **CLP Adhesive P CL** clear transparent adhesive film with silicon paper liner.
  Boxes of 50, A4 resp. A3 sheets; small packs of 10 sheets.

- **CLP Adhesive P WO** white opaque adhesive film with silicon paper liner.
  Boxes of 50, A4 resp. A3 sheets; small packs of 10 sheets.

In addition to above two qualities the “Adhesive HT” film version is recommended for colour laser devices with very high fusing temperatures.

**Color Laser Paper** for colour laser printers and copiers

These speciality papers are identically printable on both sides. For professional, dynamic photoprints. Available in five weights: 130/150/170/200 and 250 gsm. Boxes of 100, A4 resp. A3 sheets.

**Durable „Paper“ (tear-resistant)**

- **BG-72 WO** a glossy, white polyester film for colour laser printers and copiers. Excellent colour reproduction and toner adhesion, tear and wear resistant for manuals, documentations, write-ons etc. Boxes of 50, A4 resp. A3 sheets; gauge 0.125 mm

**Ink Jet**

OHP films for Ink Jet printers

- **BG-32 plus** universal film for Ink Jet printers. Special coating for dynamic contrast and brilliant colours in projection. Boxes of 50, A4 sheets; gauge: 0.100 mm.
  Also available with sensor stripe (BG-32.5).

Photopapers for Ink Jet printers

Folex Ink Jet photo papers offer excellent, true colour prints of photographs, images and graphic displays. Available in A4, A3 and 10 x 15 cm sheets.

- **Fotojet Instant Dry** universal Ink Jet paper:
  glossy, fast drying economic Boxes of 50, A4 sheets; gauges: 150 / 180 and 240 gsm

- **Fotojet Pro Gloss** top Ink Jet photopaper for professional applications: glossy, fast drying, water resistant. Boxes of 50, A4 sheets; gauge 210 gsm

- **Fotojet Pro Satin** top Ink Jet photopaper for professional applications: Semi-matt surface, fast drying, water resistant.
  Boxes of 50, A4 sheets; gauge 210 gsm

**Excellent quality papers for Ink Jet printing**

Matt coated high resolution super white coated paper in outstanding quality. Best results achieved as “business-paper” for text, colour images and computer graphics. Also available in A3 sheets.

- **IP Top Color** available in weights: 90 / 120 / 170 gsm.

- **IP Top Color Duo** both sides printable available in 120 gsm
T-Shirt transfer papers for Ink Jet printers

After mirror-image printing the text/image onto the T-Shirt transfer paper the image can be transferred with an iron (hottest setting) onto cotton based materials. Not suitable for transfers onto silk and synthetic fibres.

- **Transfer Jet ST** for white and light coloured textiles.
  Available in packs of 10, A4 sheets

- **Transfer Jet Black** for dark and coloured textiles
  Available in packs of 5, A4 sheets

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**Additional Media Products**

- Adhesive Ink Jet films
  clear transparent, silver & white opaque

- Structured photopapers with sand and linen surfaces

- Fine art paper for art reproductions onto mould made paper

- Artist canvas for reproduction of paintings onto canvas cloth

- Paper labels or clear transparent and white opaque film labels

- Matt, transparent or white opaque films for e.g. reports, documents

- Tattoo film for body art and decorations

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**Further interesting products can be found in our Folex catalogue or at our website [www.folex.com](http://www.folex.com)**

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