Flexible Foils Solutions
Tailored to enhance automation in your production

Roll-to-roll production of single- and double-sided screen prints are perfect for high volume production. The rolls are prepared and delivered for direct incorporation via automated pick and place at your production site - optimizing both production time and costs. Throughout the process we always ensure the balance of crucial factors like production stability, homogeneous quality and level of details.

We deliver more than a product when we create leading flexible foil solutions together

- **Capacitive touch foils**
  - Transparent, translucent or opaque capacitive touch foils. Possibility of sensing buttons, slider, wheel and screen applications. Cost effective alternative to traditional keys and ITO based touch screen solutions.
  - Cost effective
  - Design and aesthetics
  - Enhanced usability

- **Graphical front foils**
  - Front foils with possibility of integrated light diffusion, blackening effect, embossing for key solutions and laser engraving. Prepared for easy mounting using pick and place technology at customer production site.
  - Flexible design possibilities
  - Easy mounting
  - Build in features

- **LED circuits**
  - Etched and printed flexible LED circuits with a unique combination of low material usage and high quality level. Flexible foils plated with copper and aluminum ideal for thin LED panels on curved or irregular surfaces.
  - Design for manufacturing
  - Uniform quality
  - Simple installation

- **Sensors**
  - Flexible single and double-sided sensors printed with graphic and conductive ink. Production enables print of fine line < 50 μm. Ensuring design freedom and multiple purpose use incl. industrial and medical.
  - Complex structures
  - High volume
  - Production stability

Design for manufacturing by following a structured NPI-process optimized for automated production.

Higher profit by ensuring global competitive cost of individual components.

Higher yield and lower scrap rate by delivering consistent and agreed quality.
One team of dedicated contacts who know you, your business and your market. Our specialist’s extensive knowledge of printing processes and technologies makes a difference from development to delivery.

Screen-printing on a roll allows a variety of fully automated roll-to-roll finishing incl. 100% electric testing with minimum manual handling. Delivered on rolls, sheets or individual products to fit your production.

Production of continuous rolls provides benefits in relation to volume size, production time and quality level. At the same time it enables print of complex structures with exact precision and replicability.

Product centric teams
Automation
High volume

Creating together
Mekoprint helped introduce efficiency at Grundfos

It is a ‘no-manual-handling’ production from the first print at Mekoprint to the final mounting of the graphical front foil at Grundfos. Read below how our customer finds value in our ability to adapt and optimize production to create automation benefits at the customer’s production site.

Cost optimizing Automation Pick’n’place Partnership

It was an ultimate demand for us to have displays of a high, uniform quality without paying more when we switched to Mekoprint as our supplier. We compete in a global market and have to focus on the decimals of our production costs. With roll-to roll-production, Grundfos got the combined benefit of a globally competitive price, optimum design for manufacturing and high quality products delivered on rolls for automatic assembly in our factory producing the New Alpha2 pump.

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