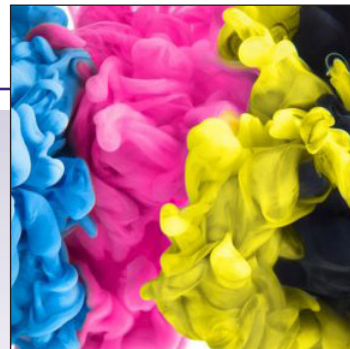


## Inkjet and Ink Manufacture

Disposable filters for high-performance inkjet inks and fluids



<b>Customer / Project:</b>	European Ink Manufacturer
<b>Industry Sector:</b>	Inkjet / Printing
<b>Application:</b>	High-performance inkjet inks and fluids
<b>Products:</b>	Tekfil™, Klearfil™, Microcap™
<b>Primary Motive:</b>	Cost saving, reduced lead-times
<b>Location:</b>	Europe
<b>Project Date:</b>	2020
<b>Division:</b>	New Milton

### Customer Overview:

International manufacturer responsible for the development, production and distribution of an extensive range of imaging systems and IT solutions, mainly for the printing industry and the healthcare sector, as well as for specific industrial applications.

### Customer's Problem:

The customer has been using an alternative filtration manufacturer throughout their production process, including raw materials, the production of inks and within the printing machines. The customer had been faced with challenging lead-times from their current supplier, disrupting production.

Porvair was invited to do a plant survey and review possibilities for cost-saving and process improvement.

### Porvair Solution:

Porvair provides full access and technical support to OEM partners in the design, engineering and manufacturing of customised filtration assemblies for all inkjet printer and print head applications.

Porvair designs and manufactures with a wide range of housing materials and filter media. Further options to offer multi-layer, sub-micron, membrane and surface

modification technologies ensure ever preferred solution for inkjet can be designed.

### Project Overview:

Replacing the existing range of products with Porvair alternatives resulted in significant benefits at the plant. Not only did the manufacturer see a significant cost-saving, but there was a visible improvement in the quality of the final product.

### Product and System Information:

We replaced their existing range of products with the following:

- Microcap™ capsule filters for Ink formulation and laboratory scale testing on inks
- Tekfil™ and Klearfil™ disposable cartridge filters for ink production
- Microcap™ capsule filters for printing inkjet machines.

### Other Opportunities:

- Superwide and graphic arts
- Packaging and coding
- Bulk ink manufacture
- Printhead

