

## Pharmaceutical

### Pharmaceutical Production water, Benelux

<b>Customer:</b>	A European biopharmaceutical manufacturer
<b>Application:</b>	Pharmaceutical
<b>Products:</b>	Klearfil™ and Biofil™
<b>Primary Motive:</b>	Cost saving, longer filter life time
<b>Location:</b>	Benelux
<b>Project Date:</b>	June 2015
<b>Division:</b>	New Milton



#### Customer Overview:

A Benelux biopharmaceutical company, specialising in the design, development and manufacture of a wide range of innovative dosage forms for the biopharmaceutical and consumer health and nutrition industries.

#### Customer's Problem:

The manufacturer wanted to increase the lifetime of their filtration system. They also required the implementation of a sterile safety filter at their end of the water production line.

#### Porvair Solution:

The existing main system filter was replaced by a Klearfil™ 1µm, which meant that change out time doubles from 4 to 8 weeks. A sterile grade PES Biofil™ 0.2µm was placed at the end of the line as a safety bacterial retention filter.

#### Project Overview:

The successful delivery and installation of test samples with their respective validation guides enabled the manufacture to see immediate benefits, such as a doubled system life. The manufacturer also carried out internal laboratory tests and established a significant improvement in the quality of the product. Optimum quality product is critical in biopharmaceutical product manufacture. The success of this initial trial has led Porvair Filtration Group to be listed as a key supplier to this operation.

#### Product and System Information:

- Klearfil™ 1µm - Absolute rated depth cartridge filters
- Biofil™ II - Polyethersulphone Membrane Cartridge Filters

#### Other Opportunities:

- Biopharmaceutical production
- Active Pharmaceutical Ingredients (APIs)
- Veterinary medication

