API Manufacture

Bioscience Applications, Italy

porvair filtration group

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Customer:	Manufacturer of Active Pharmaceutical Ingredients
Application:	Biopharmaceutical
Products:	Tekfil™ and Fluorofil™
Primary Motive:	Cost saving and system optimisation
Location:	Italy
Project Date:	2019 - 2020
Division:	New Milton

Customer Overview:

A leading European manufacturer of Active Pharmaceutical Ingredients that has been developing innovative and proprietary processes since 1949.

They support their customers worldwide with a strong and well-resourced R&D team, three cGMP facilities in Europe, and offer world-renowned expertise in handling hazardous chemical processes.

Customer's Problem:

As part of their existing process line for micronization and solvents (Methanol, Ethanol, Acetone, Ethyl Acetate, Dimethylformamide, Toluene) the existing filtration solutions used for pre-filtration and final filtration were subject to review.

Solution batch sizes to filter range from 1.000L to 3.000L. Cost saving was the primary objective of the end-user. In addition to that, pre-post sale services offered by the competitor product did not meet with their expectations.

Porvair Solution:

Porvair manufactures a range of innovative, high performance, cost-effective filters specifically designed for each stage of the pharmaceutical manufacturing process.

For the filtration steps, Porvair's Italian Distributor supplied the with: Tekfil™ 1µm (1x 10") and/or Tekfil™ 1µm (1 x 20") and Fluorofil™ 1µm (1 x 10").

Project Overview:

Samples were supplied in order to carry out the first evaluation tests. The results were satisfactory from a quality point of view and the product was more cost effective. Producing extreemly satisfactory results, the end-user has cut the filtration costs by 20%.

System Information:

- Tekfil™ 1µm (TN01S1MN) Absolute rated polypropylene depth cartridge filter
- Fluorofil™ 1µm (F100S1BGP) ePTFE membrane cartridge filter

Other Opportunities:

API manufacturers who require high quality and value in a filtration manufacturing partner.

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World Class Filtration Solutions