

## Case Study

*Camfil: Hi-Flo ES last five times longer than competitor*



### The Company: Port Hawkesbury Paper

Canada's leading pulp and paper manufacturer, recognized as one of the largest pulp and paper mills in Canada employing more than 550 workers. They run 24 hours a day and manufacture 700 tons of paper daily.

### The Problem

The customer was frustrated with their current process of having to change 117 bag filters every 3 weeks due to high static pressure and system alarms, which was costly and time consuming.

### The Solution

Source Atlantic and the mill worked together to authorize a trial run of Camfil's Hi-Flo ES filters in a single bank of 32 openings versus the current solution of charged synthetic bag filters to determine which filter would give them the best performance and if Camfil could prove its claim of double the life. The test bank ran at 64,000 CFM and was monitored by the customers computerized automated alarm system that measured static pressure.

### The Result

Camfil's Hi-Flo ES MERV-A 11 filter demonstrated superior results in both overall service life and in filter resistance over time. Its particle removal efficiency was greater than the charged synthetic filter tested against and it lasted 5 times longer in service.

Based on the test bank results, it is estimated that the customer will save over \$24,000 per year just in filter costs using the Hi-Flo ES versus the present charged synthetic bag filter. This does not take into consideration the labour, energy, and waste savings that would be added to their savings. This means the end user will save approx. \$30,000 - \$35,000 per year versus their current situation. The mill was changing 117 filters and getting alarmed every 3 weeks to change the filters based on hitting 1" w.g. static pressure. This means they required over 2000 filters and 18 changes per year. Using Camfil's Hi-Flo ES they saw these filters last 4 months to 1" w.g. static pressure and not the customer only requires 351 filters and only 3 changes per year.

Could your company benefit from the advantages of longer lasting filters? Contact your Account Manager today to discuss!

Call us at 1.888.846.7637 or visit us online  
[www.sourceatlantic.ca](http://www.sourceatlantic.ca) to learn more.

