

## HemiPleat™ Nearly Quadruples Cartridge Life Cycle

**Product:** Farr APC HemiPleat™  
**Size:** 16 Retrofit Cartridges to Fit Competitive Collector  
**Application:** Pharmaceutical Tablet Coater  
**Customer:** A Major Pharmaceutical Company  
**Representative:** Exfil Corporation



Another "Hands On" GS Demo Success Story!



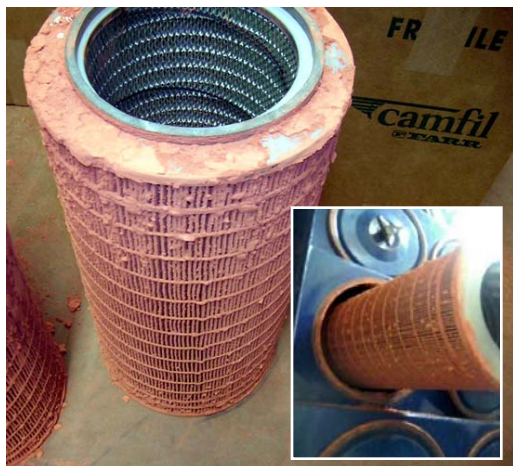
### Challenge

A major pharmaceutical manufacturer was experiencing short cartridge life from the exhaust of a Thomas Engineering continuous tablet coater. The collector on the tablet coater is a Torit DFT 4-16, a 16 cartridge unit. This is a very tough application due to the high humidity and sticky dust that is generated.

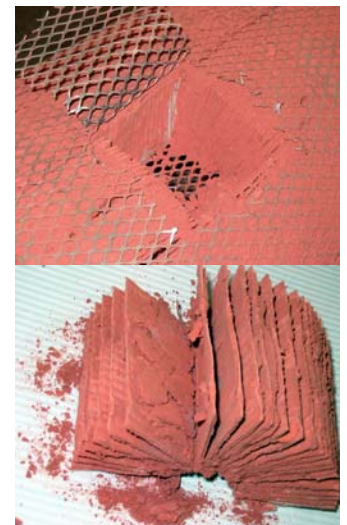
The average life cycle of the Ultra Web cartridge was only 11 batches of product, at which time the cartridges were completely blinded and had to be changed out. Each tablet coater can do 3 batches per day, so they were changing out cartridges every 3 to 4 days.

### Solution

A new set of Farr HemiPleat™ cartridges were installed in the Torit collector. The first test of the HemiPleat cartridges proved to be a huge success. The cartridges lasted for 42 batches or almost 4 times as long as the Ultra Web. After this initial test, the customer switched all of the tablet coater dust collector cartridges to Farr HemiPleat.



**HemiPleat Still Performing** - After 39 batches through the dust collector.



The HemiPleat has saved substantial money in replacement cartridges, labor, and disposal cost. It has also saved in energy costs on the dust collector fan motors with variable frequency drives. The lower average pressure drop allows the fans to run slower while maintaining airflow at the tablet coater.

For further information regarding this application, contact Andy Zook of Exfil Corporation at 800-548-4137.

# Farr APC Case Study (con't)

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