

## HemiPleat™ Retrofits Extinguish Fire Hazard Concerns

**Product:** HemiPleat™ Retrofit Cartridges  
**Size:** For Multiple Torit Dust Collectors  
**Application:** Pharmaceutical Dust  
**Customer:** A Global Pharmaceuticals Company  
**Representative:** Indupol Filtration Systems



Another "Hands On" GS  
Demo Success Story!

### Challenge

A global specialty pharmaceutical company that operates in more than 30 countries worldwide has 15 Torit dust collectors of various models and vintages spread throughout one of their plants in New York. Applications vary but are all source capture and include tablet presses, fluid bed dryers, packaging and process oriented rooms such as for formulations (pharmacy). The collectors had performance issues, and the company agreed to view a presentation and demo of the Farr APC products by Farr market manager Tomm Frungillo and Farr rep Dunio Bernhaut of Indupol Filtration Associates. But when the company was audited by their insurance underwriters, they were faced with the immediate concern of correcting some potential fire hazards, including their Torit collectors.



### Solution

Dunio was asked to inspect all their collectors and ascertain what advantages they would derive by using the Farr APC HemiPleat cartridges, and if we had replacements for every kind of model in their plant. They also wanted his recommendations on resolving the collectors' fire hazard issue.

Dunio offered to put them in touch with two fire detection/suppression companies, but warned them that it would be a very expensive solution. He also offered to talk to or meet with the underwriters to explore the possibility of the flame-retardant FR version of the HemiPleat cartridges as an acceptable solution. The company investigated both options. As expected, they found that fire detection/suppression would run into hundreds of thousands of dollars. The underwriters were interested in pursuing the HemiPleat FR approach further.

Dunio followed up with many discussions and meetings, providing HemiPleat presentations and samples. On their own, the underwriters even put media samples to simple burnt match tests themselves. The company understood that the HemiPleat FR filters would not prevent a fire, but the general consensus was that the HemiPleat FR design was acceptable to the insurance underwriters and the company would get the added benefit of using state-of-the-art filter cartridges from Farr in their existing Torit collectors. Two weeks later, Farr received the order for 100 HemiPleat FR cartridges to replace all the Torit filters for which we had equivalents. This accounted for 9 of the 15 collectors.

Since their installation in August 2006, the flame-retardant HemiPleats have been performing to all expectations and satisfying the underwriters requirements for safety.



*For further information, contact Dunio Bernhaut of Indupol Filtration Systems at 201-568-7095.*