

All-Fluoropolymer Cartridge Filters for Drinking Water Systems Travis Stifter, Lead Engineer, GE Water and Process Technologies

All fluoropolymer cartridge filters may be used successfully in the production of bottled water for drinking water and other products. These production systems are often sanitized with ozone to prevent bacterial contamination. An all fluoropolymer cartridge which is resistant to ozone may be left in place in the system, whereas conventional filters must be removed as they degrade upon exposure to ozone. This technique enables cost effective and complete sanitization of the system. This paper will discuss the selection of cartridge filters and their use in these systems.