Applied Water Solutions, Inc.
Bringing Clarity to the Turbid Waters of Technology℠

Ultrafiltration Systems

Ultrafiltration is a membrane process with the ability to separate molecules in solution based on size. It is a pressure driven process with a typical nominal pore size of 0.01 micron (100,000MWCO), and configurations are either cross flow or dead end filtration. UF removes bacteria and protozoa, including giardia and cryptosporidium. Reduces turbidity to < 0.1 NTU and removes 6 log of viruses. UF is ideal as pretreatment to reverse osmosis, final treatment in the pharmaceutical industry, and potable water applications for a wide range of feed sources in the municipal market. Hollow fiber *multibore* membrane is the most resilient and reliable membrane manufactured.