

## ULTRA HIGH PURITY SHELL AND TUBE HEAT EXCHANGERS

### High Purity PFA Heat Exchangers

**NEW!**

- *Ultrahigh-Purity PFA Tubing*
- *Universal Corrosion Resistance*
- *High Thermal Efficiency*
- *Low Extractables*
- *Clean Room Manufacturing Option Available*



*HP105 4-inch  
Shell-and-Tube  
Heat Exchanger*



*HPM168 Supercoil  
Heat Exchangers*

#### **The Fluoropolymer Advantage:**

AMETEK – a leader in fluoropolymer heat exchangers for over 45 years – now offers shell and tube heat exchangers made with ultrahigh-purity (UHP) PFA tubing that allow chemical processors and others to conform to the highest standards of purity.

The UHP heat exchangers are single pass, counter current designs that incorporate AMETEK's unique honeycomb construction. They are ideal for heating and cooling ultrapure water, acids and other corrosive chemicals typically used in electronics, pharmaceutical, and semiconductor manufacture. The UHP heat exchangers are available in shell diameters ranging from three to fourteen inches.

While the most commonly used shells are fluoropolymer lined, a variety of other materials also are available on request. All lined metal heat exchanger shells are ASME coded and equipped with TEMA/ANSI end nozzle connections.

For more information or to discuss specific application needs, contact AMETEK Fluoropolymer Products from the United States and Canada at 1-800-441-7777 or outside the U.S. at +1-302-456-4431.

#### **Why Choose AMETEK Fluoropolymer UHP Heat Exchangers:**

AMETEK fluoropolymer heat exchangers offer an outstanding combination of low operational cost and high performance. They are more durable and less brittle than glass and graphite, and more corrosion resistant than most metals. Upon request, tubing used in the construction of AMETEK Fluoropolymer UHP Heat Exchangers can be manufactured in our clean room.