

NEW PRODUCT DEVELOPMENTS

- The DuraShield media used in **AAF International's** DuraShield cartridge filter is a proprietary high-strength, polyester reinforced media with a fluorocarbon melt-blown outer surface layer that allows AAF to offer minimum efficiency reporting value (MERV) 15 for this type of cartridge filter. The AAF Research and Development Group designed DuraShield as a surface-loading media which achieves optimum particulate release during pulse cleaning. Synthetic fibers used throughout DuraShield media will not disintegrate, and it can withstand the rigors of repeated pulse cleaning cycles. These features are coupled with low initial pressure drop and high moisture resistance. The DuraShield cartridge filter is engineered for energy-efficient, continuous operation in harsh industrial environments. Galvanised steel end caps are bonded to the media to form a solid assembly. Pleat stabilisation, utilising precise glue-bead spacing, ensures uniform distance between the pleats, while corrosion-resistant galvanised steel screens hold the pleated media rigidly in place to minimise flexing during the reverse-pulse mode.
- **Novasep Process's** new Kerasep Evolution membranes are available in a wide range of cut-off for the separation of organic molecules, water soluble polymers, emulsions and specific inorganic products. The new Kerasep Evolution membranes are high flow rate ceramic monoliths which offer a filtration area of 0.21 sq m for one membrane. They have eight channels and are available in a range of cut-off from microfiltration to ultrafiltration.
- **DuPont Separations Solutions** has introduced a new line of automotive DuPont Premium Interior Air Filters, featuring exclusive filtering technology that cleans the outside air before it enters the cabin of the automobile. DuPont Premium Interior Air Filters capture up to 96% of fine dust, pollen, allergens and other airborne particles. They are also available with an added activated carbon layer that reduces unpleasant odours inside the vehicle. "Many airborne particles found inside cars are less than one micron in diameter. Yet, these fine particles, according to research, pose health risks because their small size can penetrate the deepest portions of the lungs," explained Matt Trerotola, vice president and general manager, DuPont Nonwovens. According to DuPont, approximately 40% of new cars built in the US are equipped with interior air filters, while more than 70% of cars made in Europe and Asia now include such filters, sometimes referred to as cabin air filters. DuPont Premium Interior Air Filters are an example of DuPont's recently announced marketplace, sustainability commitments, expanding the company's business offerings to address environment, safety, energy and climate challenges in the marketplace. As part of its 2015 market-driven sustainability goals, DuPont will introduce at least 1000 new products or services between now and 2015 that will help make people safer globally.
- **Siemens Water Technologies'** new Spider Disc Filter's pleated design captures 40% more solids on each panel, compared with traditional woven media disc filters. In addition to its micron-rated media barrier, this easy-to-operate disc filter provides a simple spray mechanism that releases solids from the media. Suitable for tertiary filtration, municipal and industrial reuse/recovery, product recovery, process water filtration, and conventional filter retrofit applications, the Spider Disc Filter also delivers distinct performance and operational advantages over existing pile media systems by reducing or eliminating the downtime associated with high pressure media cleaning. This feature results in fewer redundant systems and reduced tank drainage. The Spider Disc Filter is designed for twice the headloss of existing woven or pile media systems. Capacity can be increased by simply changing out discs and spray nozzles with any existing woven or pile media system. All discs can be replaced to maximise capacity, or discs can be mixed and matched as needed to increase capacity.
- Fluid sealing specialist **John Crane** has extended its Safe-matic range of seal water control systems with the launch of SafeJet, an automatic mechanical seal water filter that provides highly effective filtration by removing all solid contaminant particles larger than 50 um. The SafeJet unit features a special technology that uses several laminar filter elements to create a reliable and self-cleaning micro filter process. The flow direction during filtering is from inside to the exterior, with the impurities filtered out on the inner surface of the filter elements. The pressure loss during normal operation is just 0.1 bar. There are no moving or wearing parts which ensures long life, cost-effective operation and reliability.

Financial Calendar

15 December 2006

ITT Outlook for 2007

19 December 2006

Pentair Q4 2006 EPS Guidance

January 2007

GUD Holdings Half Year Results

Porvair 2006 Results

25 January 2006

Siemens Annual Shareholders' Meeting

1 February 2007

GL&V Q3 Results

2 February 2007

Ahlstrom Financial Statements Bulletin 2006

7 February 2007

Alfa Laval Year-end Report 2006
Metso Financial Statements 2006

16 February 2007

Larox 2006 Results

March 2007

Ahlstrom Annual Report 2006

Larox Annual Report 2006
Metso Annual Report 2006

1 March 2007

Andritz 2006 Results Press Conference

13 March 2007

Sartorius Annual Press Conference

21 March 2007

GEA Financial Statements Press Conference/Analysts' Meeting for 2006

29 March 2007

Andritz Annual General Meeting

30 March 2007

Ahlstrom Annual General Meeting
Larox Annual General Meeting

3 April 2007

Metso Annual General Meeting

18 April 2007

Sartorius Three-month Report 2007