

**SM Series**  
**Separator Cartridges for**  
**Aviation Applications**  
VCS or HCS Series Coalescer Separators



SM Series synthetic separator cartridges feature a specially developed treated hydrophobic media. This media provides improved separation of fine water drops compared to standard Teflon screen.

An ultrasonically seamed double tube of the synthetic screen is placed around an epoxy coated metal shell, then adhesive bonded to metal end caps with gaskets.

SM Series separators design provides balanced flow of product throughout the cartridge. All metal components are treated to resist corrosion. Maximum recommended operating temperature is 115 oC. For compatibility in extreme operating conditions, other gasket, adhesive and metal materials are available.

#### *Standard Design Features*

- Cleanable and reusable
- Superior water barrier
- Recommended maximum operating temperature: 115 oC
- pH range from 5 to 9
- Designed for balanced flow through cartridge
- Flow direction: Outside to in

#### *Materials*

- Synthetic mesh coated screen
- Treated metal components for corrosion protection
- Buna-N gaskets-other gasket, adhesive and metal materials are available upon request