



FC NEWSLETTER, July 2009

Welcome to the first edition of *FC Newsletter*. Trying to survive in this economy has not been without its challenges. Flow Components is available to serve and service your high purity flow systems needs during this time. This is a broad based newsletter designed to highlight our products, provide quick information concerning application questions and to provide a forum to feature ongoing dialogues/questions raised by end users. As always, please visit our website for more detailed product information.

FLOW COMPONENTS FEATURED PRODUCTS

Saint-Gobain C-Flex® Tubing



C-Flex® is a unique patented thermo plastic elastomer specifically designed to meet the critical demands of the medical, pharmaceutical, research, biotech and diagnostics industries.

C-Flex biopharmaceutical tubing is part of a family of C-Flex products that includes micro bore tubing, tight tolerance pump tubing, medical-grade tubing, commercial grade tubing and custom tubing formulation from 50A to 80A Durometer. An extensive database of C-Flex biocompatibility data is available to assist validation of C-Flex for your application. Contact our office to request access to this data and the FDA Master Files.

Saunders® G-Body Valve



The Saunders MKIII forged body supersedes the MKII forged body for 2-way applications requiring ASME BPE compliance and optimum performance. Weld end length has been increased to 40mm (1.50") minimum to facilitate orbital welding and to comply with ASME BPE Standard.

It features a reduced body mass and profile - up to 30% in some sizes. Reduced body mass means less time and energy are required to bring the body to temperature during heat sanitization and reduced cool down time.

More on Saunders G-Body Valve:

Additional Features Include:

- Designed to comply with ASME BPE Requirements
- Dedicated to 16 gauge tube OD applications
- 316L SS ASTM A-182
- Controlled Sulfur Weld Chemistry per ASME BPE Table DT-3
- Improved flow rates and lower pressure drops
- Lower mass body for reduced energy requirements for heat sanitization - plus reduced cycle times - faster heat up and cool down
- Lighter body for easier installation of both autoweld and clamp end bodies
- Reduced centerline to bonnet flange means shorter installed height
- Defined bottom pad for marking to BPE Standard:
- Standard Sizes: 0.50" (DN15) - 3.00" (DN80)
- Bio-Seal Sizes: 0.25" (DN08) - 0.50" (DN15)
- Forging is manufactured from custom lots of stainless steel produced to Saunders specification and in compliance with:
- 316L ASTM A-182
- EN 10222-5, DIN 1.4435
- ASME BPE for Controlled Sulfur, 0.005-0.017%

For more information, visit the website.

Q&A - ASK THE VALVEMAN

Q. When should diaphragms be replaced?

A. Many pharmaceutical companies' operating practices require diaphragm replacement on an annual basis regardless of the condition of the diaphragm.

Q. What does a worn diaphragm suggest?

A. A worn diaphragm can take on various appearances and can appear "old", but still maintain seal integrity, and may or may not need to be replaced. Contact your sales rep. at FC.

Submit your questions. Visit our website.

**UPCOMING EVENTS.
Coming to your Facility –
Look for Us.**

Saint Gobain Performance Plastics and Flow Components present **the Innovative Traveling "RoadShow"**



San Diego: July 13-17
LA: July 20-24
S.F. Bay Area:
July 27-Aug. 7

NEXT Newsletter: Sept.
Featured Products: Holland
Applied Technologies;
Masterflex