

# WCB-Flow Products

# SPX Process Equipment

**Fittings**  
**Manual Valves**  
**Related Products**  
**Centrifugal Pumps**



## Company Overview

From its conception, WCB-Flow Products has maintained a strict adherence to the highest quality manufacturing standards in the marketplace. This standard has been propagated through efficient implementation of lean manufacturing techniques, allowing for quick deliveries of both standard and specialty product orders.

The customer has always been the focus of our continuous improvement efforts. A dedicated staff is on hand through extended hours to ensure your orders are accurately placed and expedited. In addition, our state-of-the-art website allows our customers the capability of accessing material test results to trace the origins of the materials used in our products.

Whether your requirements are for sanitary fittings, BPE fittings, specialty fittings, manual valves or centrifugal pumps, WCB-Flow Products is your key US-based single source supplier.

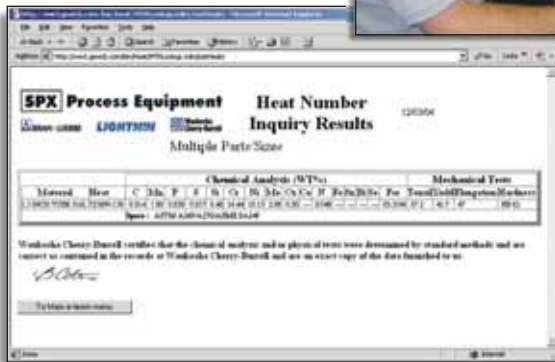
*US-based Manufacturing*



*Dedicated Customer Service*



*Diversified Inventory for Immediate Shipment*



*Material Test Results On-line Retrieval*



*Strict Quality Standards*

## S-Line/Clamp Fittings

S-Line connections consist of two matching ferrules, a gasket, and a clamp. Utilizing these unions into a process piping system will ensure easy assembly and disassembly of process lines and equipment. If a change to a system becomes necessary, this can be accomplished quickly and easily with S-Line fittings. These versatile fittings were originally designed for both COP (clean-out of-place) and CIP (clean-in-place) applications.



- Available in ½” through 12”
- Fittings are made of T304 & T316L stainless steel.
- Finishes are available in any standard combination.
  - ID polish is 180 Grit and Unpolished
  - OD polish is 150 Grit and Unpolished
- Electropolished S-Line Fittings are offered.
- Gaskets are available in Buna, EPDM, Teflon<sup>®</sup>, FKM, and Silicone as a standard.
- Meets 3A and FDA requirements.

## Sanitary Weld Fittings

Weld fittings are utilized in process piping systems where COP is not required or where CIP can be accomplished. These fittings can be welded manually or with automatic machines. Weld fittings are utilized to eliminate unnecessary joints and dead leg zones for product to become entrapped.



- Available in ½” through 12”
- Fittings are made of T304 & T316L stainless steel.
- Finishes are available in any standard combination.
  - ID polish is 180 Grit
  - OD polish is 150 Grit
- Electropolished weld fittings are available upon request.
- Meets 3A and FDA requirements.

*WCB-Flow Products offers the widest range of fittings with several surface finishes available for use in a variety of industries.*

## Bevel Seat Fittings

Bevel Seat connections are made up of a plain bevel ferrule mating to a threaded bevel ferrule with a threaded hex nut. These fittings are designed and manufactured to withstand daily disassembly, COP (clean-out-of-place), and reassembly of process lines and equipment. A gasket can be used to ensure a positive shutoff under higher pressures, however is not necessary in lower pressure applications.

- Available in 1" through 4"
- Fittings are made of T304 & T316L stainless steel.
- Finishes are available in any standard combination.
  - ID polish is 180 Grit
  - OD polish is 150 Grit
- Gaskets offered in Buna as a standard.
- Meets 3A requirements



## I-Line Fittings

These are the original Cherry Burrell I-Line fittings and are made up of interlocking flat face ferrules, a flat gasket and a clamp. This interlocking, metal-to-metal design eliminates over compression by the clamp not allowing the gasket to be extruded into the product zone. I-Line fittings can withstand higher vibrations, temperatures and pressures than other available connections available.

- Available in 1" through 8"
- Fittings are made of T304 & T316L stainless steel.
- Finishes are available in any standard combination.
  - ID polish is 180 Grit
  - OD polish is 150 Grit
- Electropolished I-Line Fittings are available.
- Gaskets are available in Buna, EPDM, Teflon<sup>®</sup>, FKM, and Silicone as a standard.
- Meets 3A requirements



*WCB-Flow Products fittings and valves made of T316/T316L stainless steel are permanently marked with original heat numbers allowing full traceability back to the original stainless steel supplier.*

## Tube OD Weld Fittings

Tube OD weld fittings are utilized in a wide variety of industrial and non-sanitary applications where corrosive environments are more of a concern than sanitation. Utilizing these fittings ensures a permanent, rigid, and chemical resistance process system.

- Available in 1/2" through 12"
- Fittings are made of T304 & T316L stainless steel.
- Unpolished tumble finish



## BPE Fittings

These fittings are manufactured in accordance with stringent guidelines set forth by ASME BPE standards. These stringent guidelines ensure the safety of products used throughout the pharmaceutical and biotech industries. These fittings are offered in either weld or S-Line Clamp.

- Available in 1/2" through 6"
- Fittings are made of T316L stainless steel. Other alloys available.
- Finishes are available in any standard combination.
  - ID polish 20 Ra (SSF1), 15 Ra EP (SSF4)
  - BPE dimensionally compliant with ID polish 10 Ra Max EP or Unpolished
  - OD unpolished or polished to 32 Ra
- Electropolished fittings are available.
- MTR (Material Test Reports)
  - MTR provided with each shipment
  - Online retrieval available
- Color-coded caps
- Products packaged in resealable bags
- Meets ASME BPE requirements where applicable.



*WCB-Flow Products offers 10 Ra maximum finishing capabilities in accordance with tolerances and dimensions set forth by ASME-BPE specifications.*

## Butterfly & Ball Valves

Butterfly and ball valves are used in a wide variety of sanitary, industrial and chemical applications. The versatility of these valves allows them to be used as an on/off valve, and/or to throttle the flow of product. This valve offering covers low and higher-pressure applications and can handle viscous or non-viscous products depending on the valve selected.

- Butterfly Valves
  - Available in 1" through 4"
  - T304 construction
  - ID and OD finishes are 180 Grit or better.
  - Seat material available in Silicone, EPDM, and FKM.
  - 13 Position Handle
- Ball Valves
  - Available in 1/2" through 4"
  - T316 construction
  - ID finishes are 180 Grit or better.
  - Encapsulated seat and material is Teflon®
  - Meets 3A and FDA requirements
  - Locking handle is a standard



## Specialty Products

WCB-Flow Products has extensive capabilities to manufacture products unique in design and not standard to the marketplace. We have dedicated production cells and people with years of experience to ensure your specifications are met. In today's complex marketplace, we have the versatility and knowledge to manufacture specialty products for use in markets ranging from industrial to high purity.

- |             |                             |                                  |
|-------------|-----------------------------|----------------------------------|
| • Drilling  | • Bending (standard radius) | • Electropolishing               |
| • Milling   | • unique tangents and       | • Passivation                    |
| • Extruding | • configurations            | • Niton material identification  |
| • Mitering  | • Welding                   | • Bar coding                     |
| • Cutting   | • Polishing - Manual        | • Special labeling and packaging |
|             | • handcrafted or Automatic  |                                  |



All of these in-house capabilities sets us aside from others and gives us the total control to ensure a quality product and on-time deliveries whatever the demand may be.

*Fittings produced by WCB-Flow Products are inspected during the manufacturing process and again when completed to ensure all specifications are met.*

## Tubing

WCB-Flow Products offers Rath manufactured tubing in T304 and T316L stainless steel. Different finish combinations are offered as bright annealed, mechanical polished, and electropolished covering a wide variety of industries. WCB-Flow Products has been utilizing Rath tubing in our manufacturing of tubular products for many years. This compatibility of products and tubing is very important to the installation of a process piping system to ensure fast and proper welds.



## Related & Other Products Offered

- Special Alloy Products
  - AL-6XN®



- Hastelloy®



- T316 S-Line Clamps



- Hangers



- Sampling Valves



- Check Valves



- Special Gaskets



ANCO-EAGLIN Inc.  
120 N. Chimney Rock Rd.  
Greensboro, NC 27409

Phone: 336-855-7800

Email: [brian@ancoeaglin.com](mailto:brian@ancoeaglin.com)

[www.ancoeaglin.com](http://www.ancoeaglin.com)

*WCB-Flow Products internal acceptance criteria meets or exceeds stringent industry standards.*