

PV Line Cards:

- Actuation & Controls
- Commercial Plumbing
- Corrosive Fluid PVF Solutions
- Industrial PVF
- Instrumentation & Controllers
- Sanitary Process Division
- Steam, Hot Water, Humidification

Actuation



- Pneumatic Rack & Pinion
- Electric Actuators
- Canister Actuators
- Limit Switches
- Positioners & Controls
- Control Top Communication Modules

Sanitary Ball Valves



- Encapsulated & Non-Encapsulated 2-way, 3-way
- Characterized V Seat 2-way Sanitary SS Control Valve
- Pneumatically & Electrically Actuated Ball Valves

BPE Bio-Pharm Fittings



- BPE 316L Fittings meet and exceed ASME Bioprocessing Equipment (BPE) guidelines
- 1/4" - 6" O.D. tube size
- Elbows, Tees, Reducers, Use Points, True Y's & Laterals, Crosses, Ferrules, Solid End Caps & Weld Caps, Gaskets, Clamps, Adapters, Stub Ends & Slip On Flanges

Sanitary Butterfly Valves



- Three Handle Options
- Short Face to Face Profile
- B5102 Clamp acts like BFV
- Vertical Canister Pneumatic Actuators

3A Sanitary Fittings



- Clamp Fittings**, 304L and 316L, 1/2" - 8"
- Gaskets: Buna-N, EPDM, Teflon, Viton
- Weld Fittings** for clean in place (CIP), 304L and 316L, 1/2" - 12"
- Bevel Seat Fittings**, 304L and 316L, 1" - 4"
- More:** I-Line, Q-Line, John Perry, European, Camlocks, Pipe Size, APV/APC

Sanitary Check Valves



- Spring Check Valves
- Y-Ball Check Valves
- Air Blow Check Valves

3A PVE Single Seat Valves



- AISI 316L SS body and parts designed to withstand up to 1M cycles
- Shut-Off Valve
 - Divert Valve
 - Pressure Relief Valve
 - Tank bottom Valve

Relief Valves



- Air Relief Valves
- Air & Vacuum Relief Tank Vent Valves

Bio-Pharmaceutical Diaphragm Valves



- Manual, Pneumatic, Electromotive
- Quick turnaround
- Customer-specific process designs
- Optimal internal cleaning due to circumferential defined seating angle
- Product entrapment eliminated on body bonnet flange

Sampling Valves



- All 316L wetted parts
- Standard 20 Ra ID / 32 Ra OD Finish
- Bio Check Sampling Valves
- Valve body made from solid bar
- drainable
- hermetically sealed against environment
- connections suitable for orbital welding

High Purity Clean Steam



- Clean Steam Thermostatic Traps
- Thermodynamic Clean Steam Traps
- Stainless Steel Sanitary Pressure Regulators
- Sanitary Sample Cooler
- Stainless Steel Filters
- Stainless Steel Clean Steam Separators

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Sanitary Instrumentation



- Sanitary Pressure Gauges with Integrated Diaphragm Seal
- Sanitary Diaphragm Seals
- Sanitary Pressure Transmitters and Transducer
- Sanitary Temperature Transmitters

Hoses & Hose Fittings



- FDA Food Grade
- Styles: Convuluted or Smooth Bore
- Cover Types: 316 Stainless steel braid, Bronze braid, Polypropylene braid, Double PVDF Kynar, EPDM
- Liner Materials: PTFE, PFA, FEP
- Sanitary Hose Fittings:
 - Standard Tri-Clamp or "S" series
 - Mini sanitary
 - "I" Line style - Male or Female
 - "Q" Line style - Male or Female
 - Bevel Seat Threaded - Male or Female
 - Special elbow configurations
 - Step-Up sizes
 - Special polishing available



Tube

Over 2 miles of tube in stock!



- ASTM-A270 Polished #7 20Ra/32Ra Sanitary Tube, 304L & 316L, 1/2"–6"
- ASTM-A269 Unpolished (bright annealed) Tubing
- ASME BPE Compliant 316L Tube 1/2" - 4"

Sanitary Gaskets & O-Rings



- 1/2" - 8" in Viton, PTFE, EPDM, BUNA, Silicone



Passivation & Rust Removal



- CitriSurf - direct safe replacement for Nitric Acid Passivation
- KleerKleen - pre-cleaner in passivation line or other specialty applications
- Rust Rescue - Citric Acid Based Cleaner of Stainless Steel
- Weld Wizard - Weld Cleaning and Passivation Kits

NEW!

Pumps



• **Centrifugal pumps**

- Top-Flo TF-C Series Sanitary Centrifugal Pump



• **Positive Displacement pumps**

- Ampco ZP3 series Positive Displacement Pump



• **Twin Screw pumps**

- Ampco SLH-4U Series Twin Screw Pump



• **Portable Pump Carts**



• **SIMPLE-blend customizable mixer/blender carts**

• **Replacement Pump Parts**

Hangers & Supports



- Sanitary Compact Hangers
- Adjustable Height Hangers
- Floor Mount Stands
- Mount Clamps

More...



- Sight Glasses
- Strainers & Filters
- Spools
- Seal Kits

