

# A Quick Look at Fluid System Components for the Food, Beverage, and Dairy Industries



Swagelok®

Swagelok Biopharm Services Company

# Sanitary Offering

## Fittings and Tubing



- Butt weld
- Sanitary clamp
- Stainless steel tubing

## Fittings



- Adapters
- Bevel seat
- John Perry
- Threaded

## Pumps



- Centrifugal
- Positive displacement

## Special Fabrications



- Common configurations
- Unique needs

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# Utility Offering

## Swagelok® Tube Fittings



- Crosses
- Male and female connectors
- Tees
- Tube adapters
- Unions

## Valves



- Check
- Instrument and process ball
- Needle
- Plug
- Relief

### Single-Seat Valves



- Divert
- Modulating
- Shutoff

### Valves



- Ball
- Butterfly

### Valves



- Air relief and blow
- Compression and relief
- Disc and ball check

### Measuring Devices



- Pressure gauges
- Pressure switches
- Thermometers
- Thermowells

### Accessories



- Filters and strainers
- Flow transfer panels
- Gaskets and clamps
- Sight glasses
- Tubing hangers

### Skid Systems



- Batch and blending
- Blending/mixing
- Clean In Place (CIP)
- Metering and heat transfer
- Pasteurization

### Regulators



- Back-pressure
- Pressure-reducing
- Vaporizing pressure

### Quick-Connect Couplings



- Full-flow
- Instrumentation
- Miniature
- PTFE-sealed

### Hose



- Conductive core
- Metal flexible
- Multipurpose push-on
- PTFE-lined, stainless steel braided
- Thermoplastic



Swagelok Biopharm Services Company is a strategic business unit of Swagelok Company, dedicated to developing and manufacturing an extensive line of fluid system component technologies for the biopharmaceutical, food, beverage, dairy, and sanitary industries worldwide. For more information about Swagelok Biopharm Services Company, visit the company's Web site at [www.swagelok.com](http://www.swagelok.com).