

## BATCH CONTROL SYSTEM

### Ideally suited for:

Chemical Packaging  
Waste Water Treatment  
Chemical Manufacturing / Plating  
Semi-conductor / Pharmaceutical  
Agriculture

### Dispenses or transfers liquids:

- safely
- accurately — preset volume
- push to start
- shuts off automatically

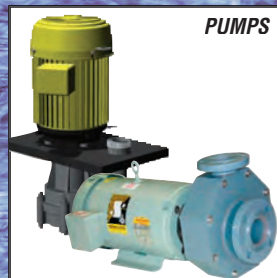
SERFILCO Smart Pumps are engineered to control, measure and dispense any volume of liquid from drums, IBCs, tanks and any large storage vessel. They can be used in any industry where batching, chemical packaging or dilution is required to be accurate and efficient.

### OPERATION

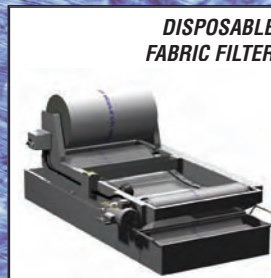
Simply enter the desired volume of liquid with the directional arrows. Press ENTER and the SERFILCO Smart Pump Batch Control System engages the motor, dispenses the required volume, then stops the motor to complete the process. Motor speed control is also included to dispense at the desired flow rate.



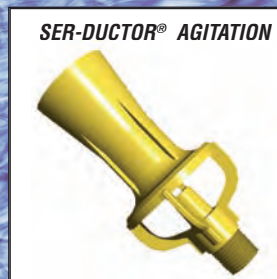
## Other Products Available from Serfilco



PUMPS



DISPOSABLE  
FABRIC FILTER



SER-DUCTOR® AGITATION



AUTOMATIC FILTRATION  
SYSTEMS



FILTER MEDIA



FILTRATION SYSTEMS



## DRUM AND CONTAINER PUMPS

For More Information Consult Us:



# SERFILCO®

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## PROGRESSIVE CAVITY DRUM PUMPS

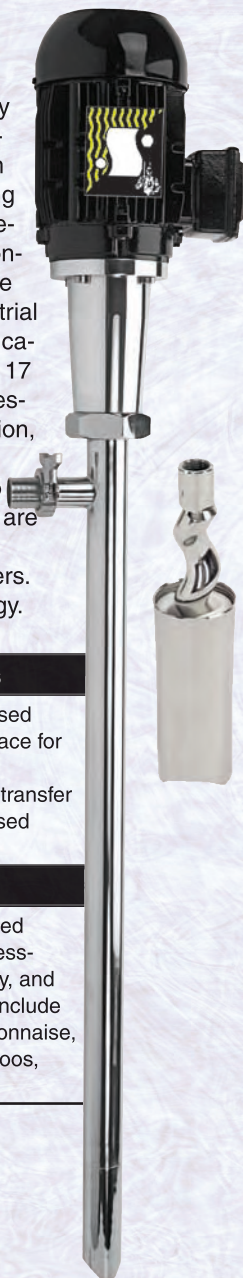
SERFILCO's Progressive Cavity pumps are engineered to transfer high viscosity materials from drums, tank's and IBC's. Utilizing the principle of positive displacement, these pumps deliver a continuous flow of material with little product degradation. The Industrial and Sanitary series pumps are capable of delivering flow rates to 17 GPM / 64 LPM or discharge pressure to 174 psi /12 bar. In addition, both series pumps can transfer materials ranging in viscosity to 100,000 cps / mPas. All pumps are constructed from robust 316SS with a choice of stator elastomers. Revolutionizing pump technology.

### Industrial Pump Series

Industrial Pumps are commonly used throughout the industrial marketplace for transferring viscous materials. Common applications include the transfer of: polymers, paints, petroleum-based products, resins and adhesives.

### Sanitary Pump Series

Sanitary Pumps are commonly used throughout the sanitary food processing, pharmaceutical, biotechnology, and cosmetic industries. Applications include the transfer of: tomato paste, mayonnaise, pie fillings, salad dressing, shampoos, cosmetic lotions and conditioners.



## PUMP PACKAGES

*Each package includes: Pump Tube, Motor Hose, Nozzle, and Mounting Bracket*

**# 1**

### Water Treatment Chemicals

SERFILCO's Pump Package 1 is engineered to transfer corrosive chemicals associated with the water treatment industry.

#### Applications

Sodium Hypochlorite	Potassium Hydroxide
Sodium Bromide	

**# 2**

### Corrosive Chemicals

SERFILCO's Pump Package 2 is engineered to transfer mildly corrosive liquids.

#### Applications

Hydrochloric Acid	Nitric Acid -20%
Acetic Acid	Sulfuric Acid

**# 3**

### Concentrated Chemical

SERFILCO's Pump Package 3 is engineered for transferring very concentrated and extremely aggressive liquids.

#### Applications

Sulfuric Acid 66 baume	Propionic Acid
Concentrated Nitric -98%	Hydrofluoric Acid

**# 4**

### Corrosive Chemical Measurement

SERFILCO's Pump Package 4's unique design allows users to safely measure and transfer mildly corrosive liquids.

#### Applications

Hydrochloric Acid	Nitric Acid -20%
Acetic Acid	Sulfuric Acid

**# 5**

### Concentrated Chemical Measurement

SERFILCO's Pump Package 5's unique design allows operators to safely measure and transfer concentrated and very aggressive liquids.

#### Applications

Sulfuric Acid 66 baume	Propionic Acid
Concentrated Nitric -98%	Hydrofluoric Acid

