



# Process Equipment

Pumping Solutions for Process Industries



PROVEN QUALITY. LEADING TECHNOLOGY.

# Husky Air-Operated Double Diaphragm Pumps

## Husky™ Pumping Technology

Our Husky air-operated double diaphragm pumps are loaded with features to help you get the job done right, every time, and are built to save you money.

### Rugged construction

Resists corrosion for reliable performance and long life

**Heavy-duty design** - Offers long life, increased productivity and lower overall cost of ownership

**Flow rates** up to 300 gpm (1135 lpm)

**Lube-free** for cleaner operation

**DataTrak™** available to prevent pump runaway and track material usage



### Husky 3300

3 in (76.2 mm) connection  
Max flow: 300 gpm (1135 lpm)  
Polypropylene, aluminum,  
stainless steel



### Husky 2200

2 in (50.8 mm) connection  
Max flow: 200 gpm (757 lpm)  
Polypropylene, PVDF



### Husky 2150

2 in (50.8 mm) connection  
Max flow: 150 gpm (568 lpm)  
Polypropylene, PVDF, aluminum,  
stainless steel, iron



### Husky 15120

1-1/2 in (38.1 mm) connection  
Max flow: 120 gpm (454 lpm)  
Polypropylene, PVDF



### Husky 1590

1-1/2 in (38.1 mm) connection  
Max flow: 90 gpm (340 lpm)  
Polypropylene, PVDF, aluminum,  
stainless steel



### Husky 1050

1 in (25.4 mm) connection  
Max flow: 50 gpm (189 lpm)  
Aluminum, polypropylene, PVDF,  
conductive polypropylene, hastelloy,  
stainless steel



# The Husky Advantage Loaded with Options

Choose from a wide selection of materials to handle numerous applications, including corrosive and abrasive fluid transfer.

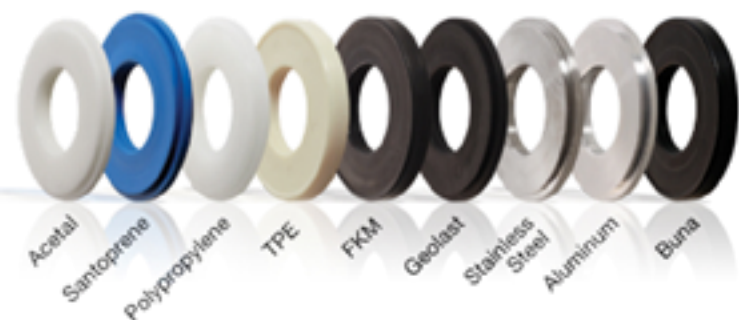
## Key Fluids

- Paints, stains, coatings, inks and dyes
- Chemicals
- Acids
- Corrosive and abrasive fluids
- Lubricants
- Ceramic glazes
- Sludge, slurry and waste fluid
- Soaps, detergents and solvents

## Balls



## Seats



## Diaphragms



### Husky 1050HP

1 in (25.4 mm) connection  
Max flow: 50 gpm (189 lpm)  
Aluminum and stainless steel



### Husky 716

3/4 in (19.1 mm) connection  
Max flow: 16 gpm (61 lpm)  
Aluminum, stainless steel



### Husky 515

1/2 in (12.7 mm) connection  
Max flow: 15 gpm (57 lpm)  
Polypropylene, acetal, PVDF



### Husky 307

3/8 in (9.4 mm) connection  
Max flow: 7 gpm (26 lpm)  
Polypropylene, acetal



### Husky 205

1/4 in (6.3 mm) connection  
Max flow: 5 gpm (19 lpm)  
Polypropylene, acetal, PVDF

# EP Series

## Peristaltic Hose Pumps

Graco's positive displacement hose pumps rotate a full 360-degrees. Because they use a single roller to compress the hose once per revolution, your hoses last longer so you have less maintenance and downtime.

### Efficient Pumping Action

One hose compression per revolution extends hose life

### Low Maintenance

Quick replacement of hose

**Removable Cover** - Easier access to internal parts, making maintenance fast and simple

**Integral Drive Train** - Pump speeds as low as 1 rpm

### Hose Clamp Assembly

One-piece "quick change" assembly for easy service



**EP2**

Max flow: 0.8 gpm (3.0 lpm)  
Ideal for chemical metering applications



**EP3**

Max flow: 2.4 gpm (9.0 lpm)  
Typically used for chemical metering and sanitary applications



**EP4**

Max flow: 19.5 gpm (73.8 lpm)  
Ideal for abrasive material transfer applications

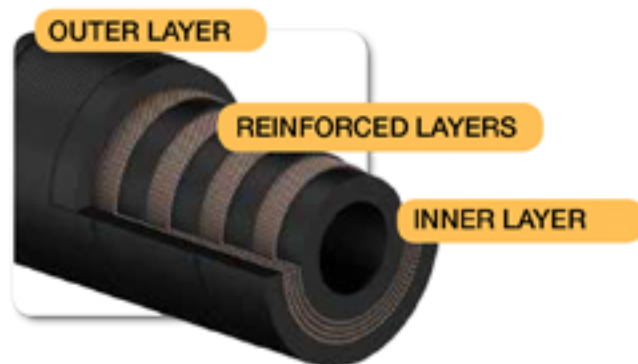


## Hoses Built to Handle the Toughest Jobs

Only the interior of the hose is in contact with the fluid being pumped, making it easy to sterilize and clean the inside pumping surfaces. The gentle pumping action is ideal for shear sensitive materials and fragile cell cultures.

### Innovative Hose Design

Graco's 360-degree hose pump is designed to put 40% less stress on the hose compared to conventional shoe pumps running at the same flow rate. The hoses are highly engineered for long life and durability and are available in a wide variety of configurations for the most demanding applications and materials.



Choose from 4 different hose materials to meet your specific application requirements

Hose Materials	Stripe Color / Inside Color	Max. Fluid Temperature
Natural Rubber (NR)	None / Black	160°F (71°C)
Nitrile Rubber (NBR)	Yellow / Black	220°F (104°C)
Ethylene propylene (EPDM)	Blue / Black	250°F (121°C)
Chlorosulfonated polyethylene (CSM)	Orange / Black	250°F (121°C)

## Ink Pumps

### Long-Lasting piston pumps with sealed wet cup.

Prolonged seal life with enclosed, dual seal wet cup

Runaway control with optional DataTrak

MaxLife® seal for longer life

Handles the most difficult inks

Hydraulic or pneumatic motors



#### Priming Piston Ink Pump

Enclosed, dual seal wet cup for longer seal life. Runaway control with optional DataTrak™

#### Hydraulic Ink Pump

Up to 3 times more efficient than pneumatic pumps  
Typical applications:  
- Letterpress inks  
- Lithographic inks

# Hydra-Clean®

## On-Demand High Pressure Cleaning

Graco Hydra-Clean heavy-duty pressure washers are perfect for use in a variety of in-plant cleaning applications and can be used with hot or cold water, detergents or strong chemical solutions up to 200°F (93°C).

Wall-mount and cart-mount options

Air or hydraulic powered units

300 Series Stainless Steel Lower

Compatible with many extreme chemicals and ideal for use with open-head drums

Supports multiple guns

Five different spray tips – Standard

Optional hose reel – Easy hose storage





### Husky Transfer Pumps

Easily pump from 55 gallon drum with flow rates up to 16 gpm (61 lpm). Available in aluminum, carbon steel, stainless steel and polypropylene.

**Suction tube** immersed inside the drum

**Quick-priming** and immediate flow of product

**Fluid viscosities up to 5,000 cps**

and solids up to 0.09 in (2.29 mm)

**Air tight seal** for moisture-sensitive fluids

**Bung adapter** fits into any 2 in (50.8 mm) bung opening



### Fast-Flo® 1:1 Transfer Pumps

Deliver a smooth, reliable flow. Drum length and stubby models are available in either carbon steel or stainless steel materials of construction. Ideal for a variety of non-corrosive and corrosive materials.

**Flow rates** up to 5 gpm

**Immersed inlet** for faster priming of heavier fluids

**Air-powered** for high reliability and low cost

**Disc check** options for lower viscosity fluids

