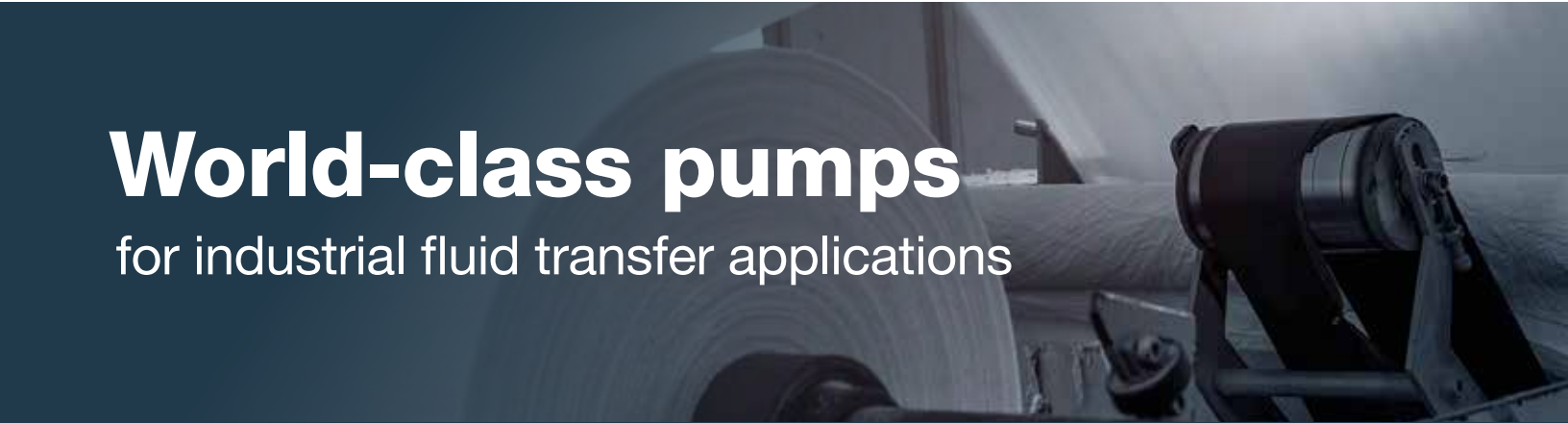


INDUSTRIAL AND ENVIRONMENTAL SOLUTIONS

# World-class pumps

for industrial fluid transfer applications



Watson-Marlow Fluid Technology Group is unique in being able to work with you to ensure your fluid transfer requirements are achieved. Our industrial peristaltic and sinusoidal pumps, hoses and tubing integrate seamlessly into your process control system, providing very low maintenance and low whole life cost.

## WATSON MARLOW Pumps

Watson-Marlow peristaltic pumps eliminate the need for ancillaries and increase productivity by providing accurate and repeatable flow rates. Rapid and simple installation ensures a low total cost of ownership.

[wmftg.com/watson-marlow](http://wmftg.com/watson-marlow)

### Qdos® peristaltic metering pumps



Flow rates from 0.001 USGPH to 15 USGPH  
Up to 100psi pressure  
Cut chemical costs through higher accuracy metering  
Simple drop-in installation eliminates ancillary equipment  
One minute tool-free maintenance



### 600 series

Flow rates from 0.0003 USGPM to 5 USGPM  
Up to 60psi pressure



### 700 series

Flow rates from 0.0005 USGPM to 14.5 USGPM  
Up to 30psi pressure



### 500 series

Flow rates from 0.0001 USGPH to 55 USGPH  
Up to 100psi pressure



### Panel Mount OEM

Flow rates from 0.01 ul/min to 35 L/min  
Available with OEM drives or pumpheads only



### Close-coupled pumps

Flow rates from 0.02 USGPM to 5 USGPM  
Fixed or variable speed  
ATEX option available

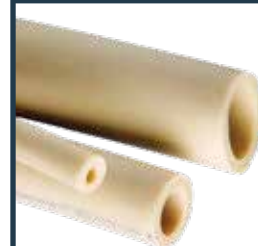


## WATSON MARLOW Tubing

Watson-Marlow is the only peristaltic pump manufacturer in the world to manufacture its own tubing, optimizing our tubing tolerances and formulation to deliver the best process pump performance.

[wmftg.com/tubing](http://wmftg.com/tubing)

### Marprene®



Industrial grade thermoplastic elastomer tubing

- Wide chemical compatibility and long life
- Low gas permeability
- Highly resistant to oxidizing agents



### LoadSure®



LoadSure technology offers snap-fit one minute maintenance

- Greater reliability, easy installation and increased productivity
- Elements guarantee correct tube loading
- Requires less than one minute to change

## Bredel

Hose Pumps

Bredel hose pumps have suction lift capability up to 30 feet, are dry running and self-priming. Without seals, ball check valves, diaphragms, glands, immersed rotors, stators or pistons to leak, clog, corrode or replace, they are ideal for abrasive slurries, corrosive acids, and gaseous liquids.

Precision machined hoses guarantee tolerances and perfect hose compression, eliminating slippage which can destroy shear sensitive product and reduce metering accuracy.

[wmftg.com/bredel](http://wmftg.com/bredel)

### APEX® hose pump series



Flow rates to 27.3 USGPM  
Optimized for process uptime up to 116psi pressure  
Seal-less, valve-less design lowers total cost of ownership  
Increased process uptime with precision machined hose elements



### Bredel® hose pump series



Flow rates up to 475 USGPM  
Designed for heavy-duty operation. Handles abrasive slurries, corrosive acids and gaseous liquids up to 232psi  
Seal-less, valve-less design lowers total cost of ownership  
Minimal maintenance - just change the hose



### Natural rubber (NR)

Resistant to diluted acids and alcohols  
Max. fluid temp 176F  
Min. fluid temp -4F



### EPDM

Resistant to highly concentrated acids and bases  
Max. fluid temp 194F  
Min. fluid temp 14F



### Buna N (NBR)

Resistant to oils, greases, alkalis and detergents  
Max. fluid temp 176F  
Min. fluid temp 14F



### CSM

Resistant to ketones, alcohols and concentrated acids  
Max. fluid temp 176F  
Min. fluid temp 14F



Aflex Hoses are the most technically advanced range of PTFE lined flexible hose products in the world. Hoses are designed to ensure fast flow, resistance to high pressures and temperatures as well as combining unmatched flexibility with kink resistance.

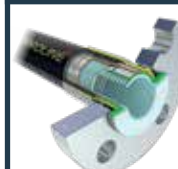
[aflex-hose.com](http://aflex-hose.com)

### Corroflon®



The PTFE liner in Corroflon has shallow convolutions which minimize the restriction in flow rates, and an external reinforcement wire in the external convolutions provides full vacuum resistance and kink resistance.

### Corroline+®



Corroline+ hose is designed for use as a chemical hose or industrial hose, with the added benefit that it has been reinforced to withstand the most severe conditions of physical abuse. Corroline+ is crush & kink resistant.



MasoSine® Sinusoidal pumps deliver a low shear, gentle pumping action that safely transfers shear sensitive products without risk of damage

Low shear with almost zero pulsation sinusoidal pumps  
High suction lift with low NPSHR/NIPR to avoid cavitation  
Superior energy efficiency, especially within viscous application

[wmftg.com/masosine](http://wmftg.com/masosine)

### SPS series



Flow rates up to 434 USGPM  
Up to 217psi pressure  
Handles products with a viscosity up to 8 million cP  
High suction capability up to 12psi





Fluid Technology Group

INDUSTRIAL AND ENVIRONMENTAL SOLUTIONS



**Watson-Marlow Fluid Technology Group**

Watson-Marlow Fluid Technology Group supports its customers locally through an extensive global network of direct sales operations and distributors

[wmftg.com/global](http://wmftg.com/global)

