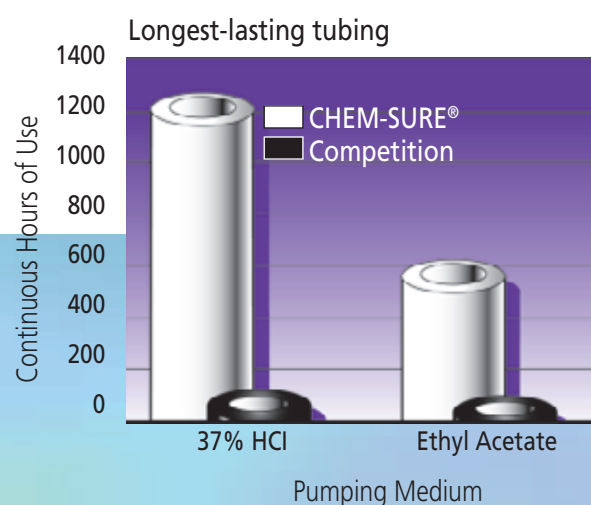


# For Aggressive Chemicals



CHEM-SURE®



Applications using solvent-containing media can now be managed with a peristaltic pump such as the Flowmaster (IP-65).

Result: Excellent **dosing accuracy** combined with **reduced maintenance work**.

With excellent chemical resistance, CHEM-SURE® Peristaltic Pump Tubes from Gore™ handle nearly all aggressive chemicals, including organic solvents such as:

- Methyl ethyl ketone
- Toluene
- Acetone

### The longest-lasting tubing for increased productivity

Under transfer conditions, the new CHEM-SURE® Peristaltic Pump Tubes from GORE™ operate over 50 times longer than any other fluoroelastomer tubing. They last for **thousands of hours** pumping aggressive chemicals that often attack other tubing materials. This level of durability greatly reduces the risk of unexpected tube rupture, which means fewer shutdowns to replace tubing plus significant increases in productivity.

### The tubing with significantly higher burst resistance

These new tubes are an excellent choice for very demanding applications in the pharmaceutical and specialty chemical industries.

CHEM-SURE® pump tubing means **less worry about the environmental and safety risk** of unexpected tube rupture in high-pressure filtration, transfer, and chemical addition operations.



For industrial and chemical processes, ISMATEC offers multi-functional IP65-rated dust-tight and washdown tubing pumps

### CHEM-SURE® Product configuration

- Tubing ID ranges from 1.6 to 40 mm
- Stable flow rate over time
- Passes USP Class VI, cytotoxicity and physicochemical testing
- FDA Type II Material Master File is available for citation
- Operates up to 60 psi (4.1 bar)

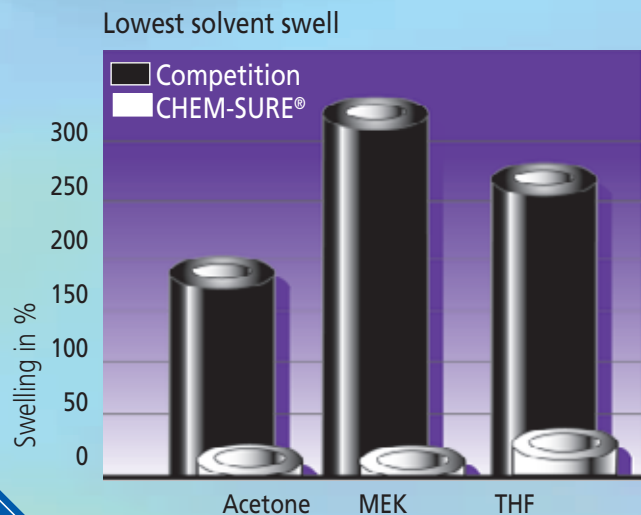
### High purity reduces contamination

Because CHEM-SURE® Peristaltic Pump Tubes are free from plasticizers, acid acceptors, and other processing aids found in competitive products, they are among the cleanest tubes available. Leachability tests using ethyl acetate yielded 132 ppm of total extractables, over 100 times less than other fluoroelastomer tubing.

### Lowest solvent swell

Manufacturers recommend tubes that have less than 10% volume swell for acceptable operation in peristaltic pumps in chemical service.

While other fluoroelastomer tubing will swell over 300% when subjected to solvents such as acetone, methyl ethyl ketone and tetrahydrofuran, STM D471-95 immersion tests show that CHEM-SURE® Peristaltic Pump Tubes experience negligible swelling in a wide range of solvents.



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*Solutions for Fluid Handling*



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