

# Equipment Technical Bulletin

## 600 Series Pumps Not Priming with Viton/Solvent-Resistant Tubing



### PROBLEM

Customers have reported chemical pump errors, premature motor failure, and no-flow errors on 600 Series pumps equipped with Viton or solvent-resistant tubing. We developed a stiffer, spring-loaded roller assembly to address this problem, but customers are still experiencing priming issues on occasion. When this happens, the roller rotates normally but the tube is not squeezed hard enough to prime.

### EQUIPMENT AFFECTED

Summit E/XL

ILS OPL

LS-3000

### EXPLANATION

Viton and solvent-resistant tubing are stiffer and less resilient than other tubing materials and this can make it difficult for the roller to exert sufficient pressure to pump chemical.

### SOLUTION

If you are pumping a solvent chemical and must use Viton or solvent-resistant tubing, use a 100 Series pump instead of a 600 Series pump. Note that you will need to make adjustments for pump run time because 100 Series pumps have a lower pump capacity.

Code numbers are as follows:

|  |         |
|--|---------|
| 100 Series Motor Gearbox   | 051351  |
| 100 Series Pump Cartridge  | 1206740 |
| 600 Series Wire Harness to 100 Series Pump Wire Adaptor (you will need 2 of these) | 1206955 |



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