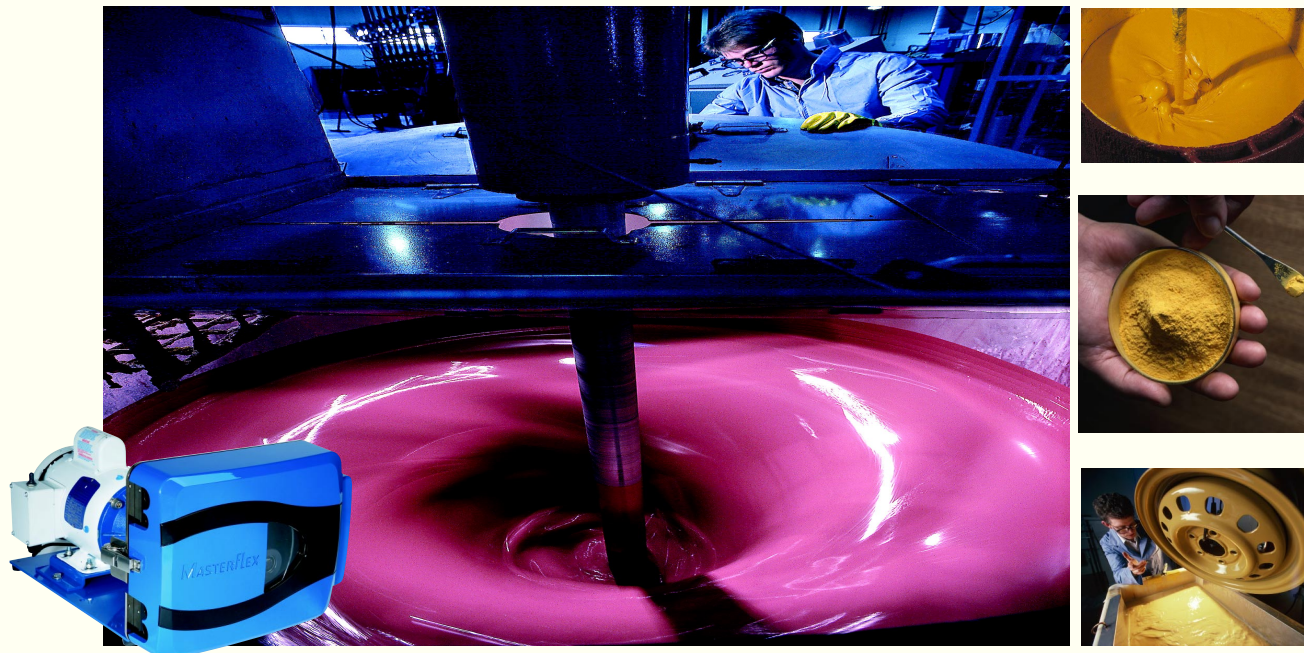


## APPLICATION

Grayledge Pump & Industrial  
Ph: 603-635-3701  
Fax: 866-373-8490  
Web: [www.MasterflexPump.com](http://www.MasterflexPump.com)

# FOCUS

## PAINTS & COATINGS



## Thermo Scientific Masterflex® Pumps: Impervious to Abrasive Fluids, Gentle On Shear-Sensitive Pigments & Coatings

### Challenge:

For many paint and coating manufacturers, production line changeouts often means costly downtime because technicians must first strip and clean the pumps. Many materials used in paint and coating production are highly viscous, making them difficult to transfer. They can be highly abrasive as well, often bringing missed schedules and costly downtime due to breakdowns from excessive pump wear. Many pigments are also extremely shear sensitive and susceptible to the shearing action of gear or centrifugal style pumps, which can cause unwanted foaming.

### Solution:

Masterflex pumps are versatile, high-performance peristaltic pumps that are designed to efficiently handle a wide range of applications – from shear sensitive pigment pumping to highly abrasive, viscous material transfer. Masterflex pumps never need to be cleaned or serviced between production changeouts because the material is always contained within the pump's flexible tubing. Changing out the tubing is a simple procedure that takes less than a minute – then reuse the tubing next time that fluid is being used.

### Benefits:

Masterflex peristaltic pump systems are impervious to highly abrasive fluids and gentle on shear-sensitive materials such as color pigments and varnishes. Because of the pump's high suction lift capabilities, users can even pump straight from containers. Quick changeovers for short runs are made simple with an easy hose change. To efficiently meet the industrial application requirements for paints, resins and coatings, latex, polymers, cellulose acetate, adhesives, sealants, dyes, dispersing agents, and more, Masterflex pumps are the answer.