

# Pump Wastewater/Chemicals Corrosion-Free

## Vanton Pump & Equipment Corp.

**W**ith the increasing need to contain and treat wastewater comes a growing requirement to pump unknown pollutants from collection pits and transfer corrosive chemicals to wastewater treatment areas.

Caustic and acidic wastewater treatment chemicals commonly attack pumps constructed of stainless steel or high alloys – all of which have annual corrosion rates – and can cause plastic lined pumps to delaminate, and fiberglass pumps to wick the fluid. In many cases, wastewater containing abrasives, cause metal, lined-metal and fiberglass pumps to wear, compromising efficiency and longevity.

Corrosion-related pump problems can be eliminated, says Vanton Pump, by isolating the fluids being pumped, from any metal or fiberglass component.

The company injection molds all wet end components of PVC (polyvinyl chloride), PP (polypropylene) and PVDF (polyvinylidene fluoride) which are abrasion resistant, and 100% inert relative to the fluid(s) being handled. The parts are molded thick-sectioned, stand-alone, replaceable components, and have smooth, tight-tolerance surfaces. In addition, they are virtually unaffected by wear, and are not subject

to delamination.

All wetted components of Vanton's SUMP-GARD® Vertical Centrifugal Pumps are of solid thermoplastics to resist the broad range of chemicals that can enter a sump pit during its life, significantly reducing the possibility of pump failure.

CHEM-GARD® horizontal centrifugal pumps feature thermoplastic wet ends encased by structural metal armor, enabling them to handle the same nozzle loadings as metal pumps.

Also offered are FLEX-I-LINER® Rotary Peristaltic Pumps for dosing/feeding of liquids and viscous fluids to 6000 SSU.

All are offered individually or pre-configured with non-metallic tanks from 60 to 5,000 gal (227 to 1827 liter) complete with automatic level controls and remote control panels.

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