

# AFX PUMPS IN PULP AND PAPER

peristaltic hose pumps

In all sectors today, cost effective and reliable equipment is paramount. Accurate and reliable metering of additives and colours in today's paper industry is no exception. Peristaltic pumps have proven their way in the industry offering:

- Accurate and repeatable dosing and metering.
- Long life and greater reliability.
- Self-priming and dry-running.
- Lowest cost of ownership with quick and easy maintenance.



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Whether the application is to meter dyes and chemicals or transfer duties of coatings, liquors or additives, peristaltic pumps can offer a reliable alternative to other pump types. The features of a peristaltic pump can often have a big impact upon overall installed cost. For example, peristaltic pumps can dry run and self-prime up to 9 metres WC. Compared to alternative pump types that may require expensive dry run protection controls, or increased civil engineering costs to be installed below the pumped fluid, peristaltic pumps can be installed with ease.



Peristaltic pumps contain the fluid entirely within the hose, meaning there are no expensive seals or check valves to clog or block. Peristaltic pumps have only one wearing part, the hose, which means that maintenance costs are considerably lower than other pump types. Increased plant productivity and lower repair costs mean that pump payback is over months, rather than years.

Paper colouring and tinting requires repeatable pump control for the accurate addition of dyes and brighteners. Many traditional positive displacement pumps deliver varying flow rates, resulting in scrapped product and increased costs. Peristaltic pumps have a linear flow rate and are accurate across their total speed range. Less waste means increased profits.