



## Paper and packaging manufacturer

*Industrial Peristaltic Pumps reduce the cost of ownership for paper and packaging manufacturer.*

### Challenge

A leading paper and packaging manufacturer in Australia was using Air-Operated Double Diaphragm (AODD) pumps to deliver 4-colour ink to its printers. The on-site AODD pumps were using considerable amounts of compressed air and required constant maintenance due to the wearable parts (seals and valves). This was resulting in unacceptable long downtimes and high cost: for repair and purchase of new parts. The customer requested for pumps that could offer increased durability and low maintenance, reducing the cost of ownership by lowering repair/service costs. In addition and more importantly, the pumps needed to deliver shear sensitive inks to the printers without foaming or separation.

### Solution

After assessing the process, Australian Verderflex distributor, Global Pumps were able to recommend the Verderflex Rapide R8 Peristaltic Industrial Tube Pumps to replace existing AODD pumps. The Rapide R8 belongs to the Verderflex® Rapide family of simple to operate industrial tube pumps which are perfect for heavy duty applications, where viscous mediums are being pumped. The R8



has a maximum flow rate of 470 l/hr and discharge pressures of up to 2 bar.

These industrial peristaltic tube pumps have a compact footprint, deliver high output, offer multi-directional orientation of the pump head and are available with dual pump head as an option. These key features make the Rapide easy to integrate into your working process.

The customer saved both cost and time by having high dependability and only one wearing part – the tube. With a simple clamping mechanism enabling tube change, the pumps

are easy to maintain onsite, without requiring specialist repairs. There are no seals or valves to replace, nor impellers that can become clogged.

### Result

A very happy customer quoted that the Verderflex Rapide R8 is a "great pump and very reliable". In addition to the benefits described above, the customer was delighted that the pumps also save money on ink during setup/cleaning between jobs by being reversible. They simply pump any unused ink back into the supply after the print job is finished.



#### VERDERFLEX

Unit 3, California Drive  
Castleford,  
West Yorkshire, WF10 5QH  
United Kingdom

TEL +44 (0) 1924 221 020  
TEL +44 (0) 1132 220 291  
MAIL [info@verderflex.com](mailto:info@verderflex.com)  
WEB [www.verderflex.com](http://www.verderflex.com)

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passion for pumps