Technical Bulletin

WIMM Pump Alternate Outlet Configuration

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DURAFLEX™

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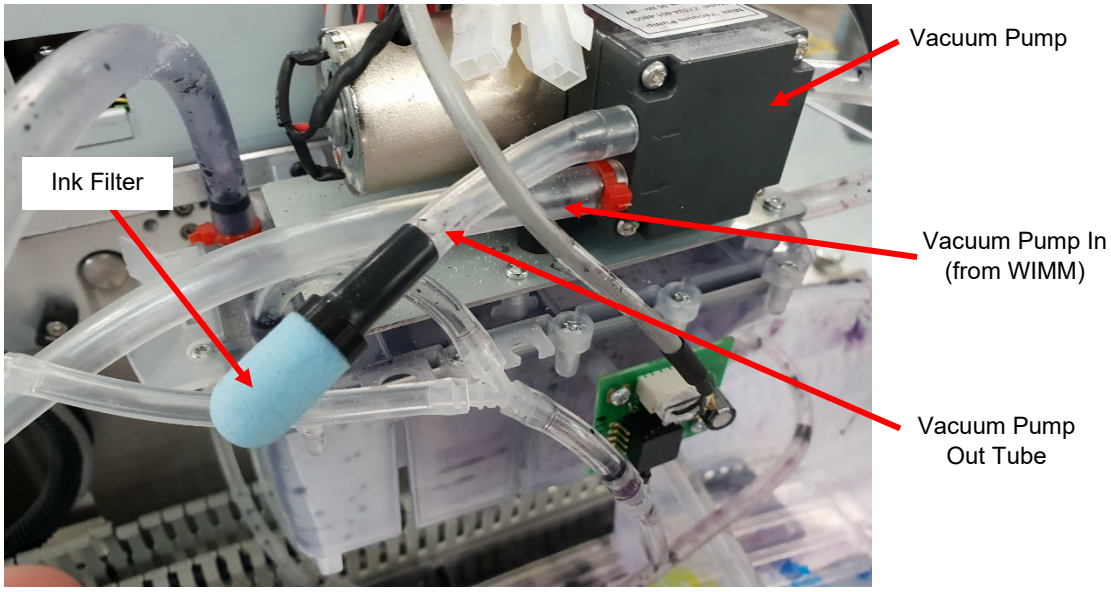
Introduction

This Technical Bulletin describes an alternate tube routing that can be used on DuraFlex systems to reduce the risk of ink being discharged under pressure inside the printer. This is considered an unlikely case however with some minor changes the risk can be averted.

Description

The WIMM vacuum pump exhausts air through the small porous blue ink filter shown in *Figure 1*. If the WIMM becomes choked with ink foam, the vacuum pump may suck this foam out of the WIMM reservoir and deposit it in this filter. This will block the ink filter until sufficient ink pressure builds up in the WIMM reservoir and may blow the ink filter off the tube and release ink inside the WIMM.

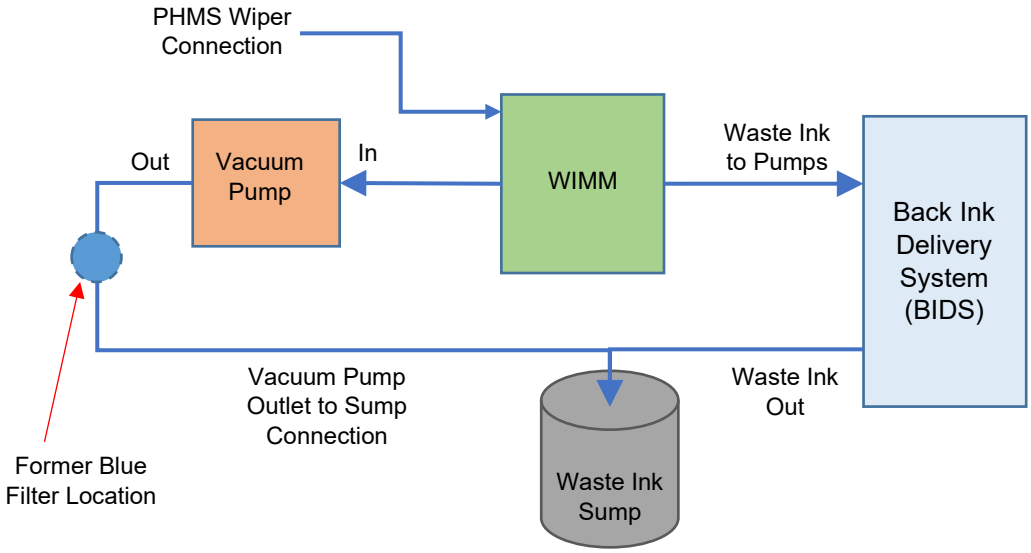
Figure 1 – WIMM Exhaust Filter



To mitigate this risk, it is recommended that the exhaust tube and blue filter be replaced by a separate tube which routes from the vacuum pump outlet to the existing waste ink sump already used by the WIMM reservoir. The connection information is shown in *Figure 2*.

Note:	When cutting ink tubing always use tube cutters to prevent burrs or crushing the tube. Ink tubing that has not been cut with tube cutters may leak.

Figure 2 – Alternate WIMM Connection Diagram



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