Inkjet, Air Filtration

In-line filter

porvair filtration group

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In-line Filter, UK

Industry Sector:	Inkjet
Application:	Inkjet Air Filter
Products:	In-line filter
Primary Motive:	Improve process
Location:	UK
Project Date:	December 2015

Customer Overview:

The customer has established a global reputation for the continual development and manufacture of its total coding and printing technologies that meet the needs of manufacturers and sets new industry standards in quality and reliability.

Customer's Problem:

The customer had an existing supplier for their air filters, however due to the strong relationship with Porviar and our reputation for quality, the current development work has opened new opportunities for Porvair for their latest system; supplying not only the in-line filters, but also main system filters and this new air filter.

Porvair Solution:

Porvair's reputation for producing high quality filters with minimum defects, and our ever increasing focus on Quality Systems, allowed us to successfully bid for the new air filter.

One area of concern for the customer was the adhesion of the part into the system. Porvair contacted the tape supplier and the frame material supplier in order to work together to try and resolve the issue.

Project Overview:

By working together, Porvair's solution will increase the adhesion surface coverage enabling the assembly of a finished filter with a much larger materials adhesion footprint. This ensures a far lower risk of failure of product through lost adhesion – something the customer had seen with the former supplier.

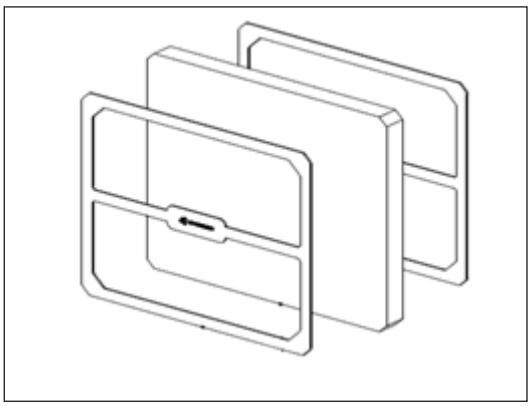
Furthermore, having the materials pre-assembled enabled a more cost-effective solution to be delivered to the customer.

Product and System Information:

- PVC filter frame material
- Polyurethane foam, UL94 flame retardant material

Other Opportunities:

Outside of this, we currently know of no other opportunities for this specific filter, although air filters are prevalent on many industrial inkjet printers, so other opportunities for similar solutions will be actively targeted.



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