

CUSTOMER SUCCESS STORY

FILTER MANUFACTURER LAUNCHES 100% RECYCLABLE HVAC FILTERS WITH FILTURA[®] EDGE

About our client

For over 50 years, our client has been a leading UK-based manufacturer and distributor of high-quality air filters. Their extensive range of products covers an array of filter classes for diverse filtration needs. From ISO Coarse filters to cutting-edge high-efficiency filtration options, the product portfolio includes an assortment of panel, slimline, and bag filters, along with innovative mini-pleat compact and molecular filters.

Challenge

The filter manufacturer planned to develop fully recyclable HVAC filters. However, to enable efficient recycling, this required the use of side bands made from the same raw material as the filter media. The company therefore sought an alternative to cardboard, metal, and plastic frames for their polyester filter layers. It was vital that the chosen material offered comparable rigidity to the frames used in traditional configurations.

Solution

Made from 100% polyester, Filtura Edge delivered exactly what the manufacturer needed. The calendared, thermobonded, needlepunched nonwovens proved to be perfectly compatible with the client's HVAC filter media. The nonwovens also met the company's other specific requirements. After the initial discussions between the

client's Purchasing Manager and our Technical Sales team regarding the new product development, the first shipment of Filtura Edge was delivered just a few weeks later.

Result

- Short time-to-market for recyclable HVAC filters (100% PET)
- Excellent product stability and durability
- Enhanced manufacturing process and cost efficiency

Are you working on developing a new product and looking for a high-quality synthetic filter medium, filter support layer, or side band? Contact our Filtura Filtration Specialists today!

filtura@freudenberg-pm.com

'Quick availability, combined with a proven track record, represented key selection criteria for our client's new side band material. We were pleased to be able to support the fast launch of their recyclable HVAC filter model with Filtura Edge.'

Anton Simoni

Sales Manager Freudenberg Performance Materials