



PRESS RELEASE

Ammonia Filtration Key to Efficient Antibiotics Production

Amazon Filters has installed a combination **SupaPore FPW / SupaPore VPBA** filtration system at a leading **antibiotics manufacturer's** fermentation plant enabling them to reduce production downtime resulting in significant cost savings.

Efficient antibiotic production requires high quality ammonia being used to adjust the pH of the fermentation process. However, the antibiotics manufacturer was receiving batches of ammonia of varying quality which required sterile filtering before use. Despite this precaution, the manufacturer was having to replace blocked final membrane filters on a daily basis resulting in unacceptable levels of production downtime and the high costs of replacement filters.

After studying the production process, Amazon Filters recommended using a **SupaPore FPW** pre-filter to protect the final membrane filter the **SupaPore VPBA** replacing the customer's existing final filter, with a micron rating of 0.2um. This membrane filter is specifically designed to meet the demands of Pharmaceutical producers requiring efficient and reliable microbiological sterilisation and bioburden control - essential factors in antibiotic production.



Upon installation of the new filters, the customer saw immediate benefits. They are experiencing up to 300% longer life of the final membrane filter . making the filtration system much more cost effective. In addition, Amazon Filters has added value to the process by offering local and readily available support which is vital on such a critical system.

For further information on safeguarding your pharmaceutical production process please visit <https://www.amazonfilters.com/applications/pharmaceutical/> or contact Amazon Filters on +44-(0)1276-670600 / sales@amazonfilters.co.uk.

Amazon Filters Ltd. design and manufacture an extensive range of liquid and gas filtration systems, providing one of the widest selections of filter vessels, along with depth and pleated cartridges for use throughout the food & beverage industry. As a leading manufacturer of filtration systems, Amazon Filters can offer a solution to meet all filtration requirements. Amazons' filters are manufactured in clean room conditions and all products come with detailed Product Validation Guides and Technical Support documentation. To view a video on Amazon Filters design and manufacture capabilities please visit www.youtube.com/watch?v=DG9S6SLDgM4

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Illustrative images:



Caption: Large scale fermentation plant



Caption: SupaPore VPBA final filter

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