# CUSTOMER CASE STUDY

Biopharmaceutical Industry

## ENSURING THE CONTINUOUS SUPPLY OF STERILE BIOPHARMACEUTICAL BUFFER FILTERS

### Customer

A top 10 global pharmaceutical company with a European manufacturing site operating a continuous process line for the production of an enzyme for enzyme replacement therapy.

### Objective

To reduce supply chain risk by offering a high quality second source of supply for biopharmaceutical buffer filters to ensure continuous supply while simultaneously reducing overall filtration spend.

### Specification

- 30 inch sterilizing grade filter cartridges
- Filter batch size equivalent to two months' production
- Compatible with a range of buffers

Parker




### Requirements

The customer required a second source filtration supplier in order to strengthen the supply chain when they were let down by their existing supplier when they failed to hold the required stock for them. Parker were offered the opportunity to do some small-scale trials on buffer filtration applications.

In addition, the customer was very specific on delivery requirements, requesting pallet deliveries of the equivalent number of filters for 2 months' production per batch and a single lot number per pallet of stock.

The filters proposed for this application had to also be compatible with the full range of buffers used in the customer's process.

### Parker's Solution

Parker proposed PROPOR SG polyethersulphone sterilizing grade filter cartridges for the buffer filtration application. Our Technical Support Group (TSG) conducted filterability and compatibility trials to confirm the filter's performance in the application as well as assisted in some integrity trouble shooting. The incumbent filter was a PVDF membrane filter so additional revalidation of the PROPOR SG in the application was required because of the change in membrane material.

Flexibility to accommodate the client's specific delivery requirements where the existing supplier could not and our local technical support laboratory were key factors in this client's choice to adopt Parker's filtration solution.

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