

Sartopore® Platinum: Sartorius introduces a new generation of sterilizing-grade filters
Modified membrane increases product yield and improves manufacturing workflows |
TwinPleat® geometry increases filtration performance and reduces filtration costs

Goettingen, June 19, 2012 – Sartorius Stedim Biotech (SSB), a leading international pharma and biotech supplier, presents a new generation of sterilizing-grade filters: Sartopore® Platinum. This product family sets new standards in sterile filtration and expands the comprehensive Sartorius filter portfolio.

Higher product yields and more efficient manufacturing workflows

The surface of the Sartopore® Platinum polyethersulfone filter membrane has been modified using a hydrophilic and highly thermostable polymer. This surface modification gives the membrane excellent wetting properties and minimizes its protein binding. Fewer than five liters of WFI (Water for Injection) are needed to wet a 10” Sartopore® Platinum cartridge fast and reliably for subsequent integrity testing that provides dependably accurate results.



The membrane’s minimized protein binding considerably increases product yield, thus augmenting the efficiency of manufacturing processes. Sartopore® Platinum filter cartridges can be dry-steam sterilized in the forward or the reverse direction, without altering the properties of their membrane. These sterilizing-grade filters can be used in the entire pH range from 1 to 14 and thus for nearly any filtration application in biopharmaceutical manufacturing.

Better filtration performance and lower filtration costs

The membrane of the Sartopore® Platinum filter cartridges has been pleated using SSB’s newly developed, proprietary TwinPleat® process. The alternating long and short pleats of the membrane increase the filter area of a 10“ cartridge by more than 60 percent. At the same time, this geometry ensures that liquids flow through the entire filter area so that the filtration capacity of the cartridge is used to the fullest extent. As a result, Sartopore® Platinum filter cartridges substantially boost filtration performance and lower filtration costs.

The new sterilizing-grade filter cartridges are available in a choice of different sizes and constructions ranging from lab to production scale. In all sizes, identical materials of construction with consistent performance characteristics are used. Therefore, Sartopore® Platinum enables linear scale-up for a large number of applications in the biopharmaceutical industry.

Sartorius information:

Sartorius is one of the world's leading providers of laboratory and process technologies and equipment. Our innovative products and high-quality services help customers around the globe implement complex and quality-critical processes in biopharmaceutical production and laboratory environments in a time- and cost-efficient way.

Contact:**Sartorius Group Weender Landstraße 94 - 108**

37075 Göttingen

Germany

Phone : +49 551 308 0

Fax: + 49 551 308 3289

Email: info@sartorius.comWebsite: www.sartorius.com