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## Sartorius® Sartopore Pt MidiCaps, 0.2µm, BH9, 4pcs, Sartopore Platinum MidiCaps

**Price on  
request  
plus VAT &  
Shipping**

### Product Images



## Description

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Sartopore® Platinum MidiCaps® and Capsules are complete and ready-to-use sterile filters for pharmaceutical and biotechnological applications. These filter cartridges utilize a heterogeneous double membrane of hydrophilized polyethersulfone and are specifically designed to meet the needs for filtration of pharmaceutical products. The new and innovative technologies used for these filter cartridges result in unprecedented performance data. The use of Sartopore® Platinum for the critical step of sterile filtration results in a unique combination of quality, performance and cost efficiency. Outstanding performance data Excellent wettability High chemical compatibility (pH 1-14) Temperature stable Low unspecific protein binding Low extractables level Reliable integrity testing New surface coating A new hydrophilization process (patent pending) has been developed to permanently modify the membrane surface. In this process, a thermally extremely stable and hydrophilic polymer is applied directly to the complete surface of the membrane. This technology produces the membrane properties that are responsible for the exceptionally good wettability and low protein binding of Sartopore® Platinum even after extreme chemical and thermal stress. This allows multiple evaporation cycles in dry and wet conditions and in both directions without negative consequences in terms of wettability and integrity testing. Excellent wettability Sartopore® Platinum MidiCaps® and Capsules are very easy to wet using minimal amounts of medium. Less than 1 liter of WFI is required to reliably wet a MidiCaps® height 9 (0.26 m<sup>2</sup>) and then test it for integrity. Due to the excellent wettability, WFI consumption can be significantly reduced, resulting in a significant reduction in filtration costs. Application Typical filtration applications include: Therapeutics Biological fluids Injection solutions Media Buffers Chemical solutions Cleaning and disinfecting agents Reliable integrity testing Insufficient wetting is one of the main reasons for failed filter integrity tests. In such a case, the affected filter must be re-wetted and retested. In addition to the extra cost of the additional tests, there is the risk of losing an entire production batch if the filter fails repeatedly. The excellent wetting behavior of Sartopore® Platinum helps to eliminate this risk. The use of Sartopore® Platinum results in unprecedented reliability in integrity testing. Compatibility The polyethersulfone membrane used is suitable for filtration of liquids in the pH range of pH 1-14, and there are no restrictions even with regard to multiple sterilization cycles. Therefore, Sartopore® Platinum MidiCaps® and Capsules are suitable for most filtration applications in the pharmaceutical and biotechnological fields. Scale Up: Due to the identical performance data of the different heights in terms of square meters of filter area, Sartopore® Platinum filters are perfectly scalable from small heights to large production scale.

## Additional Information

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No.	ST-4667
Manufacturer (Brand)	Sartorius
Transport temperature	Room temperature

