



Filter Set, PES Membrane, 0.2µm (Sterile)

Description: This filter set is used for Filtration Sterilization which is the process of removing particulate matter from aqueous solutions during sterile drug preparations. This type of sterilization is used for drug preparations that are chemically or physically unstable if sterilized by any of the other forms of sterilization such as heat, gas or radiation. It is important to note that, since filtration does not destroy microorganisms, appropriate aseptic combination, packaging procedure and/or additional verification processes, according to the appropriate rules and regulations, must be followed after the filtration process.

Technical Specifications:

Membrane	Polyethersulfone
Filter Housing	Polypropylene
Processing Volume (mL)	~1000
Filter Diameter (mm)	50
Effective Filtration Area (cm ²)	20
Bubble Point Test (Purified Water)	≥ 50 psi
Burst Pressure (kg/cm ²)	> 8
Water Flow Rate	≥ 125 mL/min @ 0.70 kg/cm ² @ 27 °C

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Additional Information:

- During handling, avoid contamination of the outlet
- If pressure required to maintain the required flow becomes too high, the filter unit should be changed
- Medisca takes no responsibility for the sterility and integrity of the final preparation as it is the customer's responsibility to conduct appropriate testing and validation of the final preparation following the filtration process