



Metricel® Polypropylene Membrane Disc Filters

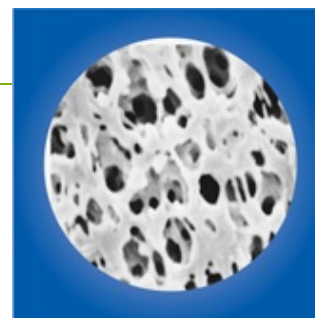
Description

Pure Polypropylene Membrane for Filtration of Aggressive Solvents

- ▶ Pure polypropylene gives high chemical stability
- ▶ Offers high temperature resistance and low extractable levels

Application

- ▶ Inherently hydrophobic.
- ▶ Economical alternative to PTFE.



Specifications

Filter Media

- ▶ Hydrophobic polypropylene

Pore Size

- ▶ 0.1 μm

Typical Thickness

- ▶ 89 μm (3.5 mils)

Typical Liquid Flow Rate - Isopropyl Alcohol

- ▶ 1.9 mL/min/cm² at 0.7 bar (70 kPa, 10 psi)

Typical Air Flow Rate

- ▶ 0.8 L/min/cm² at 0.7 bar (70 kPa, 10 psi)

Maximum Operating Temperature - Water

- ▶ 82 °C (180 °F)

Minimum Bubble Point - Isopropyl Alcohol

- ▶ 1.7 bar (170 kPa, 25 psi)

Sterilization

- ▶ Provided non-sterile. Autoclavable if desired.

Related Products

- ▶ [25 mm In-line Filter Holder, Delrin* Plastic](#)
- ▶ [47 mm In-line Filter Holder, Polycarbonate](#)
- ▶ [47 mm In-line Filter Holder, Aluminum](#)
- ▶ [Stainless Steel Forceps](#)

Ordering Information

Part Number	Description	Pkg	Price	Qty
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Metrical Polypropylene Membrane Disc Filters, 0.1 µm

M5PU025	25 mm	100/pkg	NA	<input type="text" value="0"/>
M5PU047	47 mm	100/pkg	NA	<input type="text" value="0"/>

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[Map](#)

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