



## FAQ: Mustang® Membranes

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#### What is the composition of Mustang membranes?

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Mustang membranes are polyethersulfone and have an ion exchange chemistry applied to them. These membranes allow for high capacity, increased surface area, and higher resolution.

[Top](#)

#### In what applications can Mustang membranes be used?

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Mustang membranes can be used in plasmid, virus and DNA purification.

[Top](#)

#### What is the difference between conventional media and Mustang membranes?

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Conventional media:

- ▶ Diffusive binding
- ▶ Low capacity for large molecules
- ▶ Binding capacity and resolution are sensitive to flow rate

Mustang membranes:

- ▶ Surface binding
- ▶ High binding capacity for large molecules
- ▶ Binding capacity and resolution are less sensitive to flow rate

[Top](#)

#### Are Mustang membranes easy to use?

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Mustang membranes are easier to use than other ion exchange media. The steps of packing, prehydrating and washing columns are eliminated.

[Top](#)