

Membrane Type	Protection Hydrocarbon Liquids	Protection Liquid Water	Temperature	Flow
Type A	✓	✓	✗	✗
Type B	✓	✗	✗	✓
Type C	✗	✗	✓	✓
Type D	✓	✗	✗	✗

Notes

- ▶ Membrane type should be selected based on the type of liquid protection required.
- ▶ The membrane is NOT rated in micron size, however the effective pore size is less than 1 micron.
- ▶ All membrane types are extremely inert.
- ▶ The membrane composition is proprietary. However, it will not be easily attacked by any components in your system, nor will it preferentially absorb any components in your system. The membrane does not influence the gas composition, which flows through it.
- ▶ Consult product sheets for product specific flow rates.

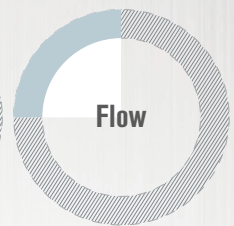
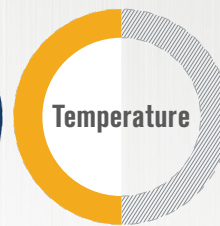
Phase Separation Membranes - separate liquids from vapor samples

Membranes used in Series 100 Genie® Membrane Separators™, Membrane Probes & Probe Regulators, and Avengers with Membrane.

BEST REJECTION

TYPE
6

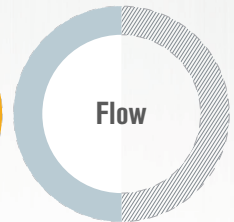
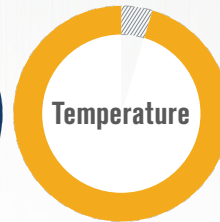
- ▶ Maximum temperature: 185°F (85°C).
- ▶ Commonly used in natural gas applications.
- ▶ Rejects ALL types of liquid from vapor.
- ▶ Best overall protection.



HIGHEST TEMPS

TYPE
7

- ▶ Maximum temperature: 300°F (149°C).
- ▶ Polypropylene backing for easy handling (check process compatibility).
- ▶ Rejects ONLY high surface tension liquids, such as water & glycol from vapor.



FOR LIQUID SAMPLING

TYPE
8

- ▶ Used exclusively in Series 200 Genies.
- ▶ Maximum temperature: 300°F (149°C).
- ▶ Polypropylene backing for easy handling (check process compatibility).
- ▶ Rejects immiscible liquids from hydrocarbon liquid, such as water from Diesel, Kerosene, Gasoline.

