V4 (PVDF 70,000Da)
Industrial UF Treated Membrane for Cathodic Paint Applications

RECOMMENDED OPERATING PARAMETERS

Typical Operating Flux
5-35 GFD (8-60 LMH)

Membrane Type
Synder Proprietary - PVDF Treated Membrane

Membrane Construction
Spiral-Wound with netted or fiberglass outerwrap

Maximum Temperature
Continuous Operation: 122°F (50°C)
Clean-In-Place (CIP): 110°F (43.3°C)

pH Range
Continuous Operation: 1-11
Clean-In-Place (CIP): 2-10.5

Maximum Pressure Drop
FRP Element: 35psi (241kPa)
Net Wrap Element: 17psi (117kPa)

Chlorine Tolerance
180ppm maximum per cleaning cycle

V-SERIES BENEFITS

- The V-Series has a proprietary hydrophilic charge to repel paint particles and promote maximum flux rates.
- The V-Series was specifically designed for processing cathodic paint, while the A6 is intended for processing anodic paint. V6 (PVDF 500kDa) is the most popular product for processing cathodic paint.
- Membrane only requires one cleaning chemical plus acid. No other additives required.
- Integrated end plugs allow for easy integration and removal.
- Synder maintains the largest E-Coat-devoted sales, engineering, and support staff of any membrane manufacturer in the world.

CONTACT US

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All inquiries will be responded to by a Synder employee within 24 hrs.
For element sizes not listed, please call or email Synder Filtration for details. We can design an element to fit your exact needs - just specify the element outer diameter (OD) or vessel/housing inner diameter (ID), element inner diameter (ID), and length. Elements are available with or without a controlled bypass tail. Additional feed spacers are also available.

Trials should be conducted to determine optimal application conditions.

Refer to installation, cleaning, and storage procedures for more details.