

NADIR® MVO20 T

Microfiltration Membrane

NADIR® MVO20 is a polyvinylidene fluoride (PVDF) microfiltration membrane with a pore size of 0.2 micron. This high-flux membrane is often used to remove macromolecules and concentrate large organic solutes. MVO20 membrane sheet is available in dry flat sheet rolls and is FDA compliant.

MEMBRANE CHARACTERISTICS

Membrane Chemistry	Backing Material	Nominal Pore Size (µm)
Polyvinylidene Fluoride (PVDF)	Non-Woven Polyester	0.2

Permeability LMH/bar (GFD/psi) ^a	Thickness (µm)	pH Range
≥ 700 (≥ 28.4)	180 – 220	1.0 – 12.0

^a Test conditions: Clean water, 2 bar (29 psi), 20°C (68°F), crossflow operation. Membrane specifications may change without notice as design revisions occur.

IMPORTANT INFORMATION

Standard Sizes: NADIR flat sheet membrane is available in an A4 sample size of 210 mm x 297 mm (8.27 in x 11.69 in) and in a nominal roll size of 150 m x 1016 mm (492 ft x 40.0 in). Custom lengths may be available on request.

Initial Flush: MANN+HUMMEL Water & Fluid Solutions recommends flushing membrane for 30 minutes and discarding permeate during the flush prior to operation.

Storage: Membrane shipped dry should be stored away from direct sunlight in a cool, dry place. Please see Membrane Storage Guide – Flat Sheet Membrane (TSG-O-011).

Contact

Europe

Germany: +49 611 962 6001
 Italy: +39 0721 1796201
 info@microdyn-nadir.com

Americas

USA: +1 805 964 8003
 sales.mnus@microdyn-nadir.com

Asia

Singapore: +65 6457 7533
 China: +86 10 8413 9860
 waterchina@mann-hummel.com