

# 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) <sup>a</sup>	Thickness (µm)	pH Range
≥ 700 (≥ 28.4)	180 – 220	1.0 – 12.0

<sup>a</sup> 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

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