



NADIR® MV020 T

Microfiltration Membrane

NADIR® MV020 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. MV020 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: MICRODYN-NADIR 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).

Solving Unmet Needs with Customized Products



Headquarters
MICRODYN-NADIR GmbH
Building D512
Kasteler Straße 45
65203 Wiesbaden
Germany
info@microdyn-nadir.de
www.microdyn-nadir.de

USA Office
MICRODYN-NADIR US, Inc.
93 South La Patera Lane
Goleta, CA 93117
USA
info@microdyn-nadir.com
www.microdyn-nadir.com/en
www.microdyn-nadir.com/trisep

China Office
MICRODYN-NADIR (Xiamen) Co. Ltd.
No. 66 Jinting North Road Xinglin
Xiamen, China 361022
infochina@microdyn-nadir.com

Singapore Office
MICRODYN-NADIR Singapore Pte. Ltd.
18 Tuas Avenue 8
639233 Singapore
info@microdyn-nadir.com