



TRISEP® UB70

PVDF Ultrafiltration Membrane

TRISEP® UB70 membrane is a polyvinylidene fluoride (PVDF) ultrafiltration membrane with a nominal pore size of 0.03 micron. UB70 membrane sheet is available in wet flat sheet rolls and is FDA compliant.

MEMBRANE CHARACTERISTICS

Membrane Chemistry	Backing Material	Nominal Pore Size (µm)
Polyvinylidene Fluoride (PVDF)	Non-Woven Polyester	0.03

Permeability LMH/bar (GFD/psi) ^a	Thickness (µm)	pH Range	Chlorine Tolerance ^b
≥ 394 (≥ 16.0)	160 - 200	1.0 - 12.0	2,000 ppm at pH ≥ 10.5

^a Test conditions: Clean water, 0.2 bar (3 psi), 25°C (77°F), 15% recovery, pH 8.0. Membrane specifications may change without notice as design revisions occur.
^b Tolerance listed for periodic, short-term cleanings in wastewater applications.

IMPORTANT INFORMATION

Standard Sizes: TRISEP flat sheet membrane is available in a sample size of 305 mm x 1,016 mm (12 in x 40 in) and in a nominal roll size of 305 m x 1,016 mm (1,000 ft x 40 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: Wet TRISEP membrane must remain sealed and refrigerated prior to use. 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