



TRISEP® SBNF

Cellulose Acetate (CA)

NF Membrane



TRISEP® SBNF is a cellulose acetate / triacetate nanofiltration membrane that delivers excellent color removal and TOC reduction in streams high in natural organic matter (NOM) while operating at very low pressure. SBNF offers excellent organic removal along with the stable operation, cleanability, and long life of proven cellulose acetate chemistry. SBNF membrane sheet is available in wet flat sheet rolls.

MEMBRANE CHARACTERISTICS

Membrane Chemistry	Backing Material	Nominal M.W.C.O. (Da)
Cellulose Acetate (CA)	Non-Woven Polyester	2,000

Flux Range LMH (GFD) ^a	Thickness (µm)	Nominal Operating pH Range ^b	Chlorine Tolerance
57.8 – 85.0 (34.0 – 50.0)	145 – 185	5.5	0.5 ppm nominal, 1 ppm max

a Test conditions: 2,000 ppm NaCl, 4.8 bar (70 psi), 25°C (77°F), 15% recovery, pH 5.5, 30 minutes operation. Membrane specifications may change without notice as design revisions occur.

b Cleaning pH range: 2.0 – 7.5

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: MICRODYN-NADIR 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



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