



Product Data Sheet

FilmTec™ SW30XLE RO Flatsheet

SW30XLE Reverse Osmosis Flatsheet

Description

FilmTec™ SW30XLE RO Flatsheet is a high-productivity and high-rejection seawater RO membrane recommended for medium salinity and temperature seawater.

FilmTec™ Flatsheet:

- is not subjected to oxidative posttreatment, nor does it require posttreatment of rolled elements
- has consistent performance across the width of the roll, allowing it to be cut into sections for small element manufacturing
- may be cleaned at the widest pH range in the industry today
- is packaged for protection during shipping and storage—one roll per box, wrapped in dark plastic, and suspended inside the box with plastic endcaps
- is shipped dry and is easy to handle and fabricate into elements

Product Type

Rolled flatsheet of thin-film composite membrane

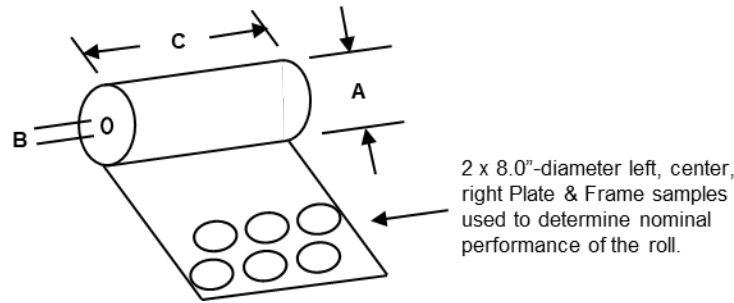
Product Specifications ‡

FilmTec™ Flatsheet	Water Flux	Maximum Salt Passage
SW30XLE	23.0 – 29.0 gfd	0.5% NaCl

‡ Specifications based on plate & frame testing under the following test conditions: 32,000 ppm NaCl feed, 55.2 bar (800 psig) feed pressure, 25°C (77°F), pH 8, 7.9 L/min (2.1 gpm) retentate flowrate. Test time is 20 minutes. Mean test results from the test samples must meet the above specifications.

Initial sheet flux performance can be 19.1 – 24.1 gfd prior to full wet-out of the membrane sheet. Mean test results from sheets samples of fully wet-out and preserved elements/components made from this membrane must meet the above specifications.

Typical Properties



Part #	341792
Roll Size	
Area	557 m ² (6000 ft ²)
Length	549 linear m (1800 linear ft)
Dimensions	
Scroll Diameter (nominal), A	33 cm (13 in)
Core Diameter, B	7.6 cm (3 in)
Width (nominal), C	102 cm (40 in)
Weight (approximate)	59 kg (130 lb)
Appearance	Surface or color variation may occur *

* Color variation will not impact flatsheet performance.

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Please be aware of the following:

- The use of this product in and of itself does not necessarily guarantee the removal of cysts and pathogens from water. Effective cyst and pathogen reduction is dependent on the complete system design and on the operation and maintenance of the system.
- Any concentrate or permeate obtained from the first hour of operation should be discarded.

Regulatory Note

This product may be subject to drinking water application restrictions in some countries; please check the application status before use and sale.

Have a question? Contact us at:

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