



3E-NF80 Series NF membrane has high water flux and high rejection, provide excellent separation characteristics for drinking water filtration and wastewater recycle.

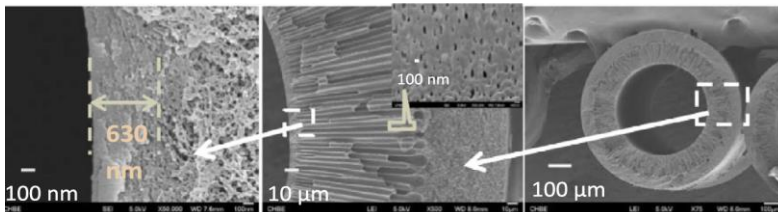
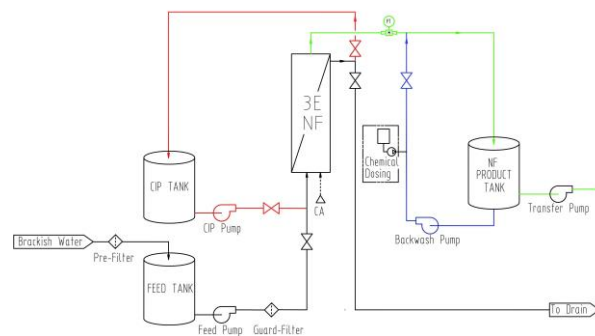
3E-NF80 Series NF membrane has 80% rejection of 2000PPM MgSO<sub>3</sub>, it can be used for:

- 1). bacteria and virus removal
- 2). antibacterial compounds removal
- 3). heavy metal removal
- 4). other hazardous contents in the water removal
- 5). Organic pollution reduction

### Application:

- Brackish water treatment
- Municipal wastewater recycles
- Industrial wastewater recycles
- Food and beverage industry water treatment
- Cooling tower blowdown water recycle
- Boiler water filtration
- Mine wastewater treatment
- Material separation and recycling

SCHMATIC DIAGRAM  
3E NF FOR BRACKISH WATER TREATMENT



Mat'l	Series	Eff. Mem. area, m <sup>2</sup>	Water Flux T/day	Salt rejection 500ppm NaCl	Salt rejection 2000ppm MgSO <sub>4</sub>	** Max recovery rate, %	Max operating pressure; bar	Max pH range	Max Free-chloride resistance; ppm
PES	3E-90NF80A	9.8±0.5	6.4±0.5	74.5±3%	85.6±3%	30%	8.0	1-10	1000
	3E-160NF80A	47±0.5	30.4±0.5	74.5±3%	85.6±3%	30%	8.0	1-10	1000
	3E-250NF80A	100±0.5	65.3±0.5	74.5±3%	85.6±3%	30%	8.0	1-10	1000
Test conditions		Water temperature: 25°C; pH: 7.5-8; Test pressure: 5.0bar							
Note		** Max recycle rate per membrane module is tested without recycling of system concentrated water; Present recycle rate per membrane module is 15%; max 18%.							

Note: for detailed technical profile, please discuss with our technician.

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