



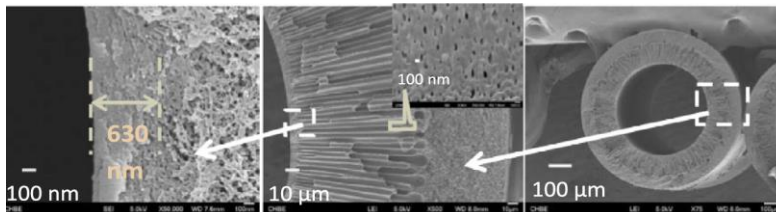
3E-NF20 Series is a water treatment UF membrane element with high water flux and relatively low rejection, which provide excellent separation characteristics in many industry areas, especially marine industry.

The 3E-NF20 Series membrane has 20% rejection of 2000PPM MgSO₄, it can be used for:

- 1). bacteria and virus removal
- 2). antibacterial compounds reduction
- 3). heavy metal reduction

Application:

- Seawater recycle for Mari-culture such as fishing farm to reduce the cost of the farming.
- Industrial wastewater treatment and recycle
- Material separation and recycling



Mat'l	Series	Eff. Mem. area, m ²	Water Flux T/day	Salt rejection 500ppm NaCl	Salt rejection 2000ppm MgSO ₄	** Max recovery rate; %	Max operating pressure; bar	Max pH range	Max Free-chloride resistance; ppm
PES	3E-NF20A90	9.8±0.5	12.8±0.5	74.5±3%	24.3±3%	60%	8.0	1-10	1000
	3E-NF20A160	47±0.5	60.8±0.5	74.5±3%	24.3±3%	60%	8.0	1-10	1000
	3E-NF20A250	100±0.5	130.6±0.5	74.5±3%	24.3±3%	60%	8.0	1-10	1000
Test conditions		Water temperature: 25°C; pH: 7.5-8; Test pressure: 5.0bar							
Note		** Max recovery rate 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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